



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 113916

TO: Phillip Gambel
Location: Rem 3e81 / 3c70
Wednesday, February 11, 2004
Art Unit: 1644
Phone: 272-0844
Serial Number: 09 / 751797

From: Jan Delaval
Location: Biotech-Chem Library
Rem 1A51
Phone: 272-2504

jan.delaval@uspto.gov

Search Notes

SEARCH REQUEST FORM

113916

Requestor's Name: _____ Serial Number: _____
Date: _____ Phone: _____ Art Unit: _____

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

STAFF USE ONLY

Date completed: 2/10/64

Searcher: [Signature]

Terminal time: _____

Elapsed time: 13 + 10

CPU time: _____

Total time: _____

Number of Searches: _____

Number of Databases: _____

Search Site

☒ STIC

☐ CM-1

☐ Pre-S

Type of Search

☒ N.A. Sequence

☐ A.A. Sequence

☐ Structure

☐ Bibliographic

Vendors

☐ IG

☐ STN

☐ Dialog

☐ APS

☐ Geninfo

☐ SDC

☐ DARC/Questel

☒ Other

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 11, 2004, 00:09:26 ; Search time 362.275 Seconds
(without alignments)
11378.044 Million cell updates/sec

Title: US-09-751-797-7
Perfect score: 1119
Sequence: 1 taacagcgtctctctcac.....tggatcataaaaaaaa 1119

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2449703 seqs, 1841816367 residues

Total number of hits satisfying chosen parameters: 4899406

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA.*

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq.*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq.*
- 6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq.*
- 7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq.*
- 8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq.*
- 9: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq.*
- 10: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq.*
- 12: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq.*
- 13: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq.*
- 14: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq.*
- 15: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq.*
- 16: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq.*
- 17: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1119	100.0	1119	9	US-09-751-797-7
2	1107.8	99.0	1166	13	US-10-256-977-3
3	1107.8	99.0	1166	15	US-10-084-298-3
4	1047.8	93.6	1111	9	US-09-751-797-9
5	993.2	88.8	1050	15	US-10-090-365-40
6	993.2	88.8	1050	15	US-10-104-919-42
7	768.4	68.7	778	13	US-09-746-375-37
8	601.4	53.7	7445	9	US-09-751-797-8
9	555.2	49.6	5935	9	US-09-751-797-29
10	535.2	47.8	1191	13	US-10-256-977-1
11	535.2	47.8	1191	15	US-10-084-298-1
12	524.8	46.9	1152	10	US-09-870-574-1
13	524.8	46.9	1152	12	US-10-232-226-243
14	524.8e	46.9	1152	12	US-10-230-130-243
15	524.8	46.9	1152	13	US-10-063-735-153

16	524.8	46.9	1152	13	US-10-216-163-243
17	524.8	46.9	1152	13	US-10-063-526-153
18	524.8	46.9	1152	13	US-10-066-198-126
19	524.8	46.9	1152	13	US-10-063-586-153
20	524.8	46.9	1152	13	US-10-063-510-153
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44	524.8	46.9	1152	13	US-10-063-593-153
45	524.8	46.9	1152	13	US-10-063-593-153

ALIGNMENTS

RESULT 1

US-09-751-797-7
; Sequence 7, Application US/09751797
; Patent No. US20010024652A1
; GENERAL INFORMATION:
; APPLICANT: Dumontier, Laure
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIPS) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751,797
; CURRENT FILING DATE: 2000-12-29
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 7
; LENGTH: 1119
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-751-797-7

Query Match	100.0%	Score 1119;	DB 9;	Length 1119;
Best Local Similarity	100.0%	Pred. No. 1.1e-230;	Mismatches 0;	Indels 0;
Matches 1119;	Conservative 0;			Gaps 0;
QY	1	TAACAGCGCTCTCTCTCACTATCAACTGTGTGACACTTGTGCGATCTGTGATGGCTGTC	60	
Db	1	TAACAGCGCTCTCTCTCACTATCAACTGTGTGACACTTGTGCGATCTGTGATGGCTGTC	60	
QY	61	CTGCAGAAATCTAGCTTTTCCCTTATGGGACTTTGGCCGAGTCTCTCTTCTC	120	
Db	61	CTGCAGAAATCTAGCTTTTCCCTTATGGGACTTTGGCCGAGTCTCTCTTCTC	120	
QY	121	ATTGCCCTGTGGGCCCGAGGAGCAATGGCTGCCCTCAACACCCGGTCAAGCTTGAG	180	

121 ATTGCGCTGGGCCCCAGAGCAAAATGCGTGGCGTCAACACCGGTGCAAGCTTGAG 180
181 GTGTCAACTTCAGCAGCGGTACATGCTCAACCGACCTTTATGCTGGCCAGAGAGCC 240
181 GTGTCAACTTCAGCAGCGGTACATGCTCAACCGACCTTTATGCTGGCCAGAGAGCC 240
241 AGCCTTGACAGATAACCAACAGAGCTGGCGTCAATCGGGGAGAACTGTTCGAGAGTC 300
241 AGCCTTGACAGATAACCAACAGAGCTGGCGTCAATCGGGGAGAACTGTTCGAGAGTC 300
301 AGTGTAAAGATCAGTGTCTACCTGATGAAGAGAGGTCTCACTTCACTTGAAGACGTT 360
301 AGTGTAAAGATCAGTGTCTACCTGATGAAGAGAGGTCTCACTTCACTTGAAGACGTT 360
361 CTGCTCCCCAGTCAGACAGTTCAGAGCTTCAGAGCTTCAGAGAGGTGGTACCTTCTGACC 420
361 CTGCTCCCCAGTCAGACAGTTCAGAGCTTCAGAGCTTCAGAGAGGTGGTACCTTCTGACC 420
421 AAACCTCAGCAATCAGTGTCTGCTCAATCAGAGGTGAGAGAGAGTTCAGAGAGTTC 480
421 AAACCTCAGCAATCAGTGTCTGCTCAATCAGAGGTGAGAGAGAGTTCAGAGAGTTC 480
481 AATGTCAGAGAGCTGAGAGAGAGTGAAGAGTTCAGAGAGTTCAGAGAGTTCAGAGAG 540
481 AATGTCAGAGAGCTGAGAGAGAGTGAAGAGTTCAGAGAGTTCAGAGAGTTCAGAGAG 540
541 ATTGGGAACTGGACCTGCTGTTTATGCTCTGAGAAATGCTGCTGAGAGAGTTCAGAG 600
541 ATTGGGAACTGGACCTGCTGTTTATGCTCTGAGAAATGCTGCTGAGAGAGTTCAGAG 600
601 AGCTAGAAAGAGAGAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 660
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661 TGGACTTTTTTACTAAAGAGAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAGAG 720
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721 ATGAAACCTGGCTCAGTTGAAAGAGAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGA 780
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781 GACTTTGATAACCAAGAGATTCATTGACAAATATTTATGCTCACTGATGATACCAAGAA 840
781 GACTTTGATAACCAAGAGATTCATTGACAAATATTTATGCTCACTGATGATACCAAGAA 840
841 AAATAATGACTTTTAAAGAAATGTTTGAAGAGAGTTCATCTCTCTCTCTCTCTCTCT 900
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901 AGCTTATGTAACCTTCAATTCATATCCAAATATTTATGTAAGTATTTATTTATTTAA 960
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961 GTATACATTTTATTTATGTCAGTTTATTTATGTAAGTATTTATTTATTTATTTATTT 1020
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1021 TATTGATATTTATGTAAGTATTTATTTATGTAAGTATTTATTTATTTATTTATTTAT 1080
1021 TATTGATATTTATGTAAGTATTTATTTATGTAAGTATTTATTTATTTATTTATTTAT 1080
1081 TTAGCTTTTAAACACATCGATATCATATAAAAAAAA 1119
1081 TTAGCTTTTAAACACATCGATATCATATAAAAAAAA 1119

RESULT 2
US-10-256-977-3
; Sequence 3, Application US/10256977
; Publication No. US20030157106A1
; GENERAL INFORMATION:

APPLICANT: Jacobs, Kenneth
APPLICANT: Pittman, Debra
APPLICANT: Fouser, Lynette
APPLICANT: Spaulding, Vikki
APPLICANT: Xian, Dejun
TITLE OF INVENTION: Composition and Method for Treating Inflammatory
TITLE OF INVENTION: Disorders
FILE REFERENCE: G15358 CIP
CURRENT FILING DATE: 2002-09-27
PRIORITY FILING DATE: 2002-09-27
PRIORITY FILING DATE: 2002-09-27
PRIORITY FILING DATE: 2001-02-23
PRIORITY FILING DATE: 2001-04-03
PRIORITY FILING DATE: 1999-04-28
PRIORITY FILING DATE: 2000-04-28
PRIORITY FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn ver. 2.1
SEQ ID NO 3
LENGTH: 1166
TYPE: DNA
ORGANISM: Murine
US-10-256-977-3

Query Match 99.0%; Score 1107.8; DB 13; Length 1166;
Best Local Similarity 99.4%; Pred. No. 3e-228;
Matches 1112; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1 TAAACAGAGCT 60
DB 24 TAAACAGAGCT 83
QY 61 CTGAGAGAAATCTATGAGTTTTCCTTTATGAGGAGCTTTGGCCGAGCTGCTGCTGCTC 120
DB 84 CTGAGAGAAATCTATGAGTTTTCCTTTATGAGGAGCTTTGGCCGAGCTGCTGCTGCTC 143
QY 121 ATTGCGCTGGGCCCCAGAGCAAAATGCGTGGCGTCAACACCGGTGCAAGCTTGAG 180
DB 144 ATTGCGCTGGGCCCCAGAGCAAAATGCGTGGCGTCAACACCGGTGCAAGCTTGAG 203
QY 181 GTGTCAACTTCAGCAGCGGTACATGCTCAACCGACCTTTATGCTGGCCAGAGAGCC 240
DB 204 GTGTCAACTTCAGCAGCGGTACATGCTCAACCGACCTTTATGCTGGCCAGAGAGCC 263
QY 241 AGCCTTGACAGATAACCAACAGAGCTGGCGTCAATCGGGGAGAACTGTTCGAGAGTC 300
DB 264 AGCCTTGACAGATAACCAACAGAGCTGGCGTCAATCGGGGAGAACTGTTCGAGAGTC 323
QY 301 AGTGTAAAGATCAGTGTCTACCTGATGAAGAGAGTGTCTCACTTCACTTGAAGACGTT 360
DB 324 AGTGTAAAGATCAGTGTCTACCTGATGAAGAGAGTGTCTCACTTCACTTGAAGACGTT 383
QY 361 CTGCTCCCCAGTCAGACAGTTCAGAGCTTCAGAGCTTCAGAGAGGTGGTACCTTCTGACC 420
DB 384 CTGCTCCCCAGTCAGACAGTTCAGAGCTTCAGAGCTTCAGAGAGGTGGTACCTTCTGACC 443
QY 421 AAACCTCAGCAATCAGTGTCTGCTCAATCAGAGGTGAGAGAGTTCAGAGAGTTCAGAG 480
DB 444 AAACCTCAGCAATCAGTGTCTGCTCAATCAGAGGTGAGAGAGTTCAGAGAGTTCAGAG 503
QY 481 AATGTCAGAGAGCTGAGAGAGAGTGAAGAGTTCAGAGAGTTCAGAGAGTTCAGAGAG 540
DB 504 AATGTCAGAGAGCTGAGAGAGAGTGAAGAGTTCAGAGAGTTCAGAGAGTTCAGAGAG 563
QY 541 ATTGGGAACTGGACCTGCTGTTTATGCTCTGAGAAATGCTGCTGAGAGAGTTCAGAG 600
DB 564 ATTGGGAACTGGACCTGCTGTTTATGCTCTGAGAAATGCTGCTGAGAGAGTTCAGAG 623
QY 601 AGCTAGAAAGAGAGAGTTCATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 660

RESULT 4
 US-09-751-797-9
 ; Sequence 9, Application US/09751797
 ; Patent No. US20010024652A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dumoutier, Laure
 ; APPLICANT: Louhed, Jamila
 ; APPLICANT: Renault, Jean-Christophe
 ; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
 ; FILE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
 ; FILE REFERENCE: LUD 5543.2
 ; CURRENT APPLICATION NUMBER: US/09/751,797
 ; CURRENT FILING DATE: 2000-12-29
 ; PRIOR APPLICATION NUMBER: 09/419,568
 ; PRIOR FILING DATE: 1999-10-18
 ; PRIOR APPLICATION NUMBER: US09/178,973
 ; PRIOR FILING DATE: 1998-10-26
 ; NUMBER OF SEQ ID NOS: 29
 ; SEQ ID NO 9
 ; LENGTH: 1111
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 ; FEATURE:
 US-09-751-797-9
 Query Match 93.6%; Score 1047.8; DB 9; Length 1111;
 Best Local Similarity 97.0%; Pred. No. 2.4e-215; Indels 1; Gaps 1;
 Matches 1078; Conservative 0; Mismatches 32; Indels 1; Gaps 1;
 QY 3 AACAGGCTCTCTCTCACTTATCAACTGTTGACACTTGTGCGACTCTCTGATGGCTGTCT 62
 DB 1 AACAGGCTCTCTCTCACTTATCAACTGTTGACACTTGTGCGACTCTCTGATGGCTGTCT 60
 QY 63 GCAGAACTATAGTTTTCCTTATGGCGACTTGGCGCGAGCTGCTCTCTCAT 122
 DB 61 GCAGAACTATAGTTTTCCTTATGGCGACTTGGCGCGAGCTGCTCTCTCAT 120
 QY 123 TGCCTGTGGCCAGAGGAGAAATGCGTGGCGGTAACACCCGGTGAACTTGAAGT 182
 DB 121 TGCCTGTGGCCAGAGGAGAAATGCGTGGCGGTAACACCCGGTGAACTTGAAGT 180
 QY 183 GTCCAACTTCAGAGCGCTACCTGTCGCAACCGCACTTATGCTGGCCAGAGGCGCAG 242
 DB 181 GTCCAACTTCAGAGCGCTACCTGTCGCAACCGCACTTATGCTGGCCAGAGGCGCAG 240
 QY 243 CTTTGCAGATAACACACAGACGTCCTGGCTCATCGGGGAGAACTGTTCCGAGGATCAG 302
 DB 241 CTTTGCAGATAACACACAGACGTCCTGGCTCATCGGGGAGAACTGTTCCGAGGATCAG 300
 QY 303 TGCTAAAGATCAGTGTCTACCTGATGAAGCAGGTGCTCACTTCACTTGGAGACGTTCT 362
 DB 301 TGCTAAAGATCAGTGTCTACCTGATGAAGCAGGTGCTCACTTCACTTGGAGACGTTCT 360
 QY 363 GCTCCCCAGTCAGACAGGTTCCAGCCCTCATCGCAGAGGTGGTACCTTTCAGACAA 422
 DB 361 GCTCCCCAGTCAGACAGGTTCCAGCCCTCATCGCAGAGGTGGTACCTTTCAGACAA 420
 QY 423 ACTCAGCAATCAGTCTCAGTCTCTGTCATCAGCGGTGACGACAGAACTCCAGAGAA 482
 DB 421 ACTCAGCAATCAGTCTCAGTCTCTGTCATCAGCGGTGACGACAGAACTCCAGAGAA 480
 QY 483 TGTCAAGAGGTGAAGGAGACAGTGAAGAGCTTGGAGAGAGTGGAGATCAGGCGAT 542
 DB 481 TGTCAAGAGGTGAAGGAGACAGTGAAGAGCTTGGAGAGAGTGGAGATCAGGCGAT 540
 QY 543 TGGGAACTGGACCTGCTGTTTATGCTCTCTGAGAAATGCTTGGCTGTGAGCGGAGAGAA 602
 DB 541 CGGGAACTGGACCTGCTGTTTATGCTCTCTGAGAAATGCTTGGCTGTGAGCGGAGAGAA 600
 QY 603 CTAGAAACGAGAACTCTCTCTCTGCTTCTTAAAGAACAAATAGATCCCTGAATG 662

DB 601 CTAGAAACGAGAACTCTCTCTCTGCTTCTTAAAGAACAAATAGATCCCTGAATG 660
 QY 663 GACTTTTTTACTAAAGGAAAGTGAAGCTAAAGTCCCATCATCATTTAGAGATTTACAT 722
 DB 661 GACTTTTTTACTAAAGGAAAGTGAAGCTAAAGTCCCATCATCATTTAGAGATTTACAT 720
 QY 723 GAAACCTGCTCAGTTGAAAAGAAAATAGTGTCAAGTTGTCCATGAGACGAGGTAGA 782
 DB 721 GAAACCTGCTCAGTTGAAAAGAAAATAGTGTCAAGTTGTCCATGAGACGAGGTAGA 780
 QY 783 CTTGATAACCCACAGAGATTCATGACATATTTTATGTCACATCATGATCAACAGAGAAA 842
 DB 781 CTTGATAACCCACAGAGATTCATGACATATTTTATGTCACATCATGATCAACAGAGAAA 840
 QY 843 ATAACTACTTTTAAAAAATTTGTTGAAAGAGGTACTCTCTCTTTAGAAAAAAG 902
 DB 841 AGTATGCTACTTTTAAAAAATTTGTTGAAAGAGGTACTCTCTCTTTAGAAAAAAG 900
 QY 903 CTTATGTAACCTTCATTTCCATATCCAAATATTTATATATGTAAGTTTATTTATTAAGT 962
 DB 901 CTTATGTAACCTTCATTTCCATATCCAAATATTTATATATGTAAGTTTATTTATTAAGT 960
 QY 963 ATACATTTTATTTATGTCAGTTTATTAATATGGAATTTTATATAGAACATTTCTCTCTA 1022
 DB 961 ATACATTTTATTTATGTCAGTTTATTAATATGGAATTTTATATAGAACATTTCTCTCTA 1020
 QY 1023 TTGATATTT-AGTATAAGGCAATAATATTTATGACATAACTATGAAACCAAGATATCT 1081
 DB 1021 TTGATATTTAGTATATAGCAATATATTTATGATATACTATAGAACCAAGATATCT 1080
 QY 1082 TAGCTTTTATTAACACATGGATATCATAAA 1112
 DB 1081 TAGCTTTTATTAACACATGGATATCATAAA 1111

RESULT 5
 US-10-090-365-40
 ; Sequence 40, Application US/10090365
 ; Publication No. US2003007706A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Presnell, Scott R.
 ; APPLICANT: Xu, Wenfeng
 ; APPLICANT: Kindsvogel, Wayne
 ; APPLICANT: Chen, Zhi
 ; TITLE OF INVENTION: Mouse Cytokine Receptor
 ; FILE REFERENCE: 01-08
 ; CURRENT APPLICATION NUMBER: US/10/090,365
 ; CURRENT FILING DATE: 2002-03-04
 ; PRIOR APPLICATION NUMBER: US 60/273,035
 ; PRIOR FILING DATE: 2001-03-02
 ; PRIOR APPLICATION NUMBER: US 60/279,232
 ; PRIOR FILING DATE: 2001-03-27
 ; NUMBER OF SEQ ID NOS: 49
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 40
 ; LENGTH: 1050
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (50)...(589)
 US-10-090-365-40

Query Match 88.8%; Score 993.2; DB 15; Length 1050;
 Best Local Similarity 97.2%; Pred. No. 1.3e-203;
 Matches 1021; Conservative 0; Mismatches 26; Indels 1; Gaps 1;
 QY 3 AACAGGCTCTCTCTCACTTATCAACTGTTGACACTTGTGCGATCTCTGATGGCTGTCT 62
 DB 1 AACAGGCTCTCTCTCACTTATCAACTTGTGCGATCTGTCGATCGGTGTCTCT 60
 QY 63 GCAGAACTATAGTTTTCCTTATGGCGACTTGGCGCGAGCTGCTCTCTCAT 122

Db 61 GCAGAAATCTATGAGTTTCCCTTATGGGAGCTTTGGCCGAGCTTGCTGCTTCTCAT 120
QY 123 TGCCCTGTGGCCCGCAGAGGCAAAATGCGTGGCCGCTCAACACCCGGTGCAAGCTTGAGGT 182
Db 121 TGCCCTGTGGCCCGCAGAGGCAAAATGCGTGGCCGCTCAACACCCGGTGCAAGCTTGAGGT 180
QY 183 GTCCAACTTCCAGCAGCGCTGATCGTCAACCGCACCTTTATGCTGGCCCAAGAGGCCAG 242
Db 181 GTCCAACTTCCAGCAGCGCTGATCGTCAACCGCACCTTTATGCTGGCCCAAGAGGCCAG 240
QY 243 CTTTCAGATTAACACACAGACGTCGGCTCATCGGGGAGAAACTGTCGGAGGAGTCAG 302
Db 241 CTTTCAGATTAACACACAGACGTCGGCTCATCGGGGAGAAACTGTCGGAGGAGTCAG 300
QY 303 TGCTAAAGATCAGTCTACCTGATGAAGCAGGTGCTCAACTTCACCTCGGAGACGCTTCT 362
Db 301 TGCTAAAGATCAGTCTACCTGATGAAGCAGGTGCTCAACTTCACCTCGGAGACGCTTCT 360
QY 363 GCTCCCCCAGTCAGACAGGTCGAGCCCTACATCGAGGAGTGGTACCTTCTGACCAA 422
Db 361 GCTCCCCCAGTCAGACAGGTCGAGCCCTACATCGAGGAGTGGTACCTTCTGACCAA 420
QY 423 ACTCAGCAATCAGTCTCCTGTCACATCAGCGGTGACGACAGAAACATCCAGAGAA 482
Db 421 ACTCAGCAATCAGTCTCCTGTCACATCAGGTGAGTGGTACGACAGAAACATCCAGAGAA 480
QY 483 TGTCAAGAGCTGAGGAGACAGTGAAGAGCTTGGAGAGCGGAGAGATCAAGCGAT 542
Db 481 TGTCAAGAGCTGAGGAGACAGTGAAGAGCTTGGAGAGCGGAGAGATCAAGCGAT 540
QY 543 TGGGAACTGAGACCTGCTGTTTATGCTCTGAGAAATGCTTGCTGAGCGAGAGAAAG 602
Db 541 TGGGAACTGAGACCTGCTGTTTATGCTCTGAGAAATGCTTGCTGAGCGAGAGAAAG 600
QY 603 CTAGAAACGAGAGACTGCTCCTTCTGCTTCTTAAAGAAACAAATAGATCCCTGAAATG 662
Db 601 CTAGAAACGAGAGACTGCTCCTTCTGCTTCTTAAAGAAACAAATAGATCCCTGAAATG 660
QY 663 GACTTTTTTACTAAAGGAAAGTGAAGCTACGATCAGTCCATCATATTAGAGATTTTCAAT 722
Db 661 GACTTTTTTACTAAAGGAAAGTGAAGCTACGATCAGTCCATCATATTAGAGATTTTCAAT 720
QY 723 GAAACCTGCTCAGTTGAAAGAAAGTGAAGTGTCAAGTGTCCATGAGACGAGGTAGA 782
Db 721 GAAACCTGCTCAGTTGAAAGAAAGTGAAGTGTCAAGTGTCCATGAGACGAGGTAGA 780
QY 783 CTGTATAACCAAGATTCATGACAAATATTTATTTGTCATGATGATACAAACAGAAA 842
Db 781 CTGTATAACCAAGATTCATGACAAATATTTATTTGTCATGATGATACAAACAGAAA 840
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Db 841 AGTATGTACTTTTAAAAAATGTTTGAAGGAGGTTCCTCTCATTCCTTTTGAAGAAAG 900
QY 903 CTTATGTAACCTATTCATTCATCAATTTTATATATATATATATATATATATATATAT 962
Db 901 CTTATGTAACCTATTCATTCATCAATTTTATATATATATATATATATATATATATAT 960
QY 963 ATACATTTTATTTATGTCAGTTTATATATATATATATATATATATATATATATATAT 1022
Db 961 ATACATTTTATTTATGTCAGTTTATATATATATATATATATATATATATATATATAT 1020
QY 1023 TTGATATTT-AGTATAAGGCAAAATATATTT 1051
Db 1021 TTGATATTTGATATAAGGCAAAATATATTT 1050

RESULT 6

US-10-104-919-42

; Sequence 42, Application US/10104919

; Publication No. US2003009608A1

; GENERAL INFORMATION:

; APPLICANT: Presnell, Scott R.

; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; APPLICANT: Hughes, Steven D.
; TITLE OF INVENTION: Human Cytokine Receptor
; FILE REFERENCE: 01-12
; CURRENT APPLICATION NUMBER: US/10/104,919
; CURRENT FILING DATE: 2002-03-23
; PRIOR APPLICATION NUMBER: US 60/279,222
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 42
; LENGTH: 1050
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (5)...(589)
US-10-104-919-42

Query Match 88.8%; Score 993.2; DB 15; Length 1050;
Best Local Similarity 97.2%; Pred. No. 1.3e-203;
Matches 1021; Conservative 0; Mismatches 28; Indels 1; Gaps 1;

QY 3 AACAGGCTCTCCCTCCTCACTTATCAACTGTTGACACTGTGCGATCTCTGATGGCTGTCT 62
Db 1 AACAGGCTCTCCCTCCTCACTTATCAACTTGTGACATCTGTGCGATCGGTGATGGCTGTCT 60
QY 63 GCAGAAATCTATGAGTTTTCCTTATGGGACTTTTGGCCGAGCTGCTGCTTCTCAT 122
Db 61 GCAGAAATCTATGAGTTTTCCTTATGGGACTTTTGGCCGAGCTGCTGCTTCTCAT 120
QY 123 TGCCCTGTGGCCCGCAGAGGCAAAATGCGTGGCCGCTCAACACCCGGTGCAAGCTTGAGGT 182
Db 121 TGCCCTGTGGCCCGCAGAGGCAAAATGCGTGGCCGCTCAACACCCGGTGCAAGCTTGAGGT 180
QY 183 GTCCAACTTCCAGCAGCGGTGATCGTCAACCGCACCTTTATGCTGGCCCAAGAGGCCAG 242
Db 181 GTCCAACTTCCAGCAGCGGTGATCGTCAACCGCACCTTTATGCTGGCCCAAGAGGCCAG 240
QY 243 CTTTCAGATTAACACACAGACGTCGGCTCATCGGGGAGAAACTGTTCCGAGGAGTCAG 302
Db 241 CTTTCAGATTAACACACAGACGTCGGCTCATCGGGGAGAAACTGTTCCGAGGAGTCAG 300
QY 303 TGCTAAAGATCAGTCTACCTGATGAAGCAGGTGCTCAACTTCACCTCGGAGAGAGCTTCT 362
Db 301 TGCTAAAGATCAGTCTACCTGATGAAGCAGGTGCTCAACTTCACCTCGGAGAGAGCTTCT 360
QY 363 GCTCCCCCAGTCAGACAGGTTCCAGCCCTACATGACGAGAGTGGTACCTTCTGACCAA 422
Db 361 GCTCCCCCAGTCAGACAGGTTCCAGCCCTACATGACGAGAGTGGTACCTTCTGACCAA 420
QY 423 ACTCAGCAATCAGTCTCCTGTCACATCAGCGGTGACGACGAGAACTCCAGAGAA 482
Db 421 ACTCAGCAATCAGTCTCCTGTCACATCAGGTGAGTGGTACGACAGAAACATCCAGAGAA 480
QY 483 TGTCAAGAGCTGAGGAGACAGTGAAGAGCTTGGAGAGCGGAGAGATCAAGCGAT 542
Db 481 TGTCAAGAGCTGAGGAGACAGTGAAGAGCTTGGAGAGCGGAGAGATCAAGCGAT 540
QY 543 TGGGAACTGAGACCTGCTGTTTATGCTCTGAGAAATGCTTGCTGAGCGAGAGAAAG 602
Db 541 TGGGAACTGAGACCTGCTGTTTATGCTCTGAGAAATGCTTGCTGAGCGAGAGAAAG 600
QY 603 CTAGAAACGAGAGACTGCTCCTTCTGCTTCTTAAAGAAACAAATAGATCCCTGAAATG 662
Db 601 CTAGAAACGAGAGACTGCTCCTTCTGCTTCTTAAAGAAACAAATAGATCCCTGAAATG 660
QY 663 GACTTTTTTACTAAAGGAAAGTGAAGCTACGATCAGTCCATCATATTAGAGATTTTCAAT 722
Db 661 GACTTTTTTACTAAAGGAAAGTGAAGCTACGATCAGTCCATCATATTAGAGATTTTCAAT 720

QY 723 GAAACCTGGCTCAGTCAAGTCAAGTGTCCATGAGACGAGGTAGA 782
 DB 721 GAAACCTGGCTCAGTCAAGTGTCCATGAGACGAGGTAGA 780
 QY 783 CTTGATTAACCAAGAGATTCATTGACAAATATTTTATTTGTCACCTGATGATACACAGAAAA 842
 DB 781 CTTGATTAACCAAGAGATTCATTGACAAATATTTTATTTGTCATTTGATTAATGCAACAGAAAA 840
 QY 843 ATATGTACATTTTAAAAATTTTGAAGAGGTACCTCTCATCTTTAGAAAAAAG 902
 DB 841 AGTATGTACATTTTAAAAATTTTGAAGAGGTACCTCTCATCTTTAGAAAAAAG 900
 QY 903 CTTATGTAACTTCATTTCCATATCCATATTTTATATATGATGATTTTATTTATTAAGT 962
 DB 901 CTTATGTAACTTCATTTCCATATCCATATTTTATATATGATGATTTTATTTATTAAGT 960
 QY 963 ATACATTTTATTTATGTCAGTTTATTAATATGATGATTTTATAGAAACATTTATCTGCTA 1022
 DB 961 ATACATTTTATTTATGTCAGTTTATTAATATGATGATTTTATTTATAGAAAAATTTATCTGATG 1020
 QY 1023 TTGATATTT-AGTATAAGGCAATATATTT 1051
 DB 1021 TTGATATTTGATATAAGCAATATATTT 1050

RESULT 7

US-09-746-375-37
 ; Sequence 37, Application US/09746375
 ; Publication No. US20030170823A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Presnell, Scott R.
 ; APPLICANT: Kindsvogel, Wayne
 ; TITLE OF INVENTION: NOVEL CYTOKINE ZCYTO18
 ; FILE REFERENCE: 99-106
 ; CURRENT APPLICATION NUMBER: US/09/746,375
 ; CURRENT FILING DATE: 2000-12-22
 ; PRIOR APPLICATION NUMBER: US 60/172,105
 ; PRIOR FILING DATE: 1999-12-23
 ; PRIOR APPLICATION NUMBER: US 60/****,***
 ; PRIOR FILING DATE: 2000-12-01
 ; NUMBER OF SEQ ID NOS: 44
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 37
 ; LENGTH: 778
 ; TYPE: DNA
 ; ORGANISM: mus musculus
 ; NAME/KEY: CDS
 ; LOCATION: (47)...(583)
 US-09-746-375-37

Query Match 68.7%; Score 768.4; DB 13; Length 778;
 Best Local Similarity 99.2%; Pred. No. 2.6e-155;
 Matches 772; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
 QY 6 AGGCTCTCTCTCACTTATCACTGTTGACACTTGTGCGATCTCTGATGCTCTCTGCA 65
 DB 1 AGGCTCTCTCTCACTTATCACTGTTGACACTTGTGCGATGCGTGTGCTGCTGCA 60
 QY 66 GAAATCTATGATTTTCCCTTATGGGACCTTGGCCGCGAGCTGCTGCTCTCATGTC 125
 DB 61 GAAATCTATGATTTTCCCTTATGGGACCTTGGCCGCGAGCTGCTGCTCTCATGTC 120
 QY 126 CTTGTGGGCCAGGAGGCAAAATGCGCTGCCGTCAACACCCCGTGCAGCTTGAAGTGC 185
 DB 121 CTTGTGGGCCAGGAGGCAAAATGCGCTGCCGTCAACACCCCGTGCAGCTTGAAGTGC 180
 QY 186 CAACTTCCAGAGCGGTACATGCTCAACGCGACCTTTATGCTGCGCAGGAGCCAGCCT 245
 DB 181 CAACTTCCAGAGCGGTACATGCTCAACGCGACCTTTATGCTGCGCAGGAGCCAGCCT 240
 QY 246 TGCAGATTAACAACAGACGCTCGGCTCATCGGAGAACTGTTCCAGAGGATGATGTC 305

DB 241 TGCAGATTAACAACAGACAGATGTCCGGCTCATCGGGAGAAACTGTTCCGAGGATCAATGC 300
 QY 306 TAAAGATCAGTCTACCTGATGAAGCAGGTGCTCAACTTCACTCCCTGGAAGAGCTTCTGCT 365
 DB 301 TAAGATCAGTCTACCTGATGAAGCAGGTGCTCAACTTCACTCCCTGGAAGAGCTTCTGCT 360
 QY 366 CCCCCAGTCAGACAGGTCCAGCCCCCTACATGACGAGGTGGTACCTTTCTCTGACCAAACT 425
 DB 361 CCCCCAGTCAGACAGGTCCAGCCCCCTACATGACGAGGTGGTGGCTTTCTGACCAAACT 420
 QY 426 CAGCAATCAGCTCAGCTCTCTGTCATCATCAGCGGTGACGACCAAGAACATCCAGAGATGT 485
 DB 421 CAGCAATCAGCTCAGCTCTCTGTCATCATCAGCGGTGACGACCAAGAACATCCAGAGATGT 480
 QY 486 CAGAAAGCTGAAGGAGACAGTCAAAAGCTTGGAGAGAGTGGAGAGATCAAGGGCATTTGG 545
 DB 481 CAGAAAGCTGAAGGAGACAGTCAAAAGCTTGGAGAGAGTGGAGAGATCAAGGGCATTTGG 540
 QY 546 GGAACCTGGAAGCTGCTGTTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAGAGAGCTA 605
 DB 541 GGAACCTGGAAGCTGCTGTTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAGAGAGCTA 600
 QY 606 GAAACGAAAGAACTGCTCTCTCTGCTTCTTAAAGAAACAAATAGATCCCTGAAATGAC 665
 DB 601 GAAACGAAAGAACTGCTCTCTCTGCTTCTTAAAGAAACAAATAGATCCCTGAAATGAC 660
 QY 666 TTTTCTTAAAGGAGAGTGAAGCTAACGTCATCATCATTTAGAGATTTCAATGAA 725
 DB 661 TTTTCTTAAAGGAGAGTGAAGCTAACGTCATCATCATTTAGAGATTTCAATGAA 720
 QY 726 ACCTGCTCAGTTGAAAAAAGAAATAGTGTCAAGTTGTCATGAGACGAGAGGTAGAC 783
 DB 721 ACCTGCTCAGTTGAAAAAAGAAATAGTGTCAAGTTGTCATGAGACGAGAGGTAGAC 778

RESULT 8

US-09-751-797-8
 ; Sequence 8, Application US/09751797
 ; Patent No. US20010024652A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dumoutier, Laure
 ; APPLICANT: Renauld, Jean-Christophe
 ; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
 ; TITLE OF INVENTION: (TIPS) The Proteins Encoded, and Uses Thereof
 ; FILE REFERENCE: LUD 5543.2
 ; CURRENT APPLICATION NUMBER: US/09/751,797
 ; CURRENT FILING DATE: 2000-12-29
 ; PRIOR APPLICATION NUMBER: 09/419,568
 ; PRIOR FILING DATE: 1999-10-18
 ; PRIOR APPLICATION NUMBER: US09/178,973
 ; PRIOR FILING DATE: 1998-10-26
 ; NUMBER OF SEQ ID NOS: 29
 ; SEQ ID NO 8
 ; LENGTH: 7445
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 ; FEATURE:
 US-09-751-797-8

Query Match 53.7%; Score 601.4; DB 9; Length 7445;
 Best Local Similarity 99.8%; Pred. No. 7.7e-119;
 Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 510 AAAGCTTGGAGAGTGGAGATCAAGCGGATTTGGGAACTGGACCTGCTGTTATGTC 569
 DB 6535 ATAGCTTGGAGAGTGGAGATCAAGCGGATTTGGGAACTGGACCTGCTGTTATGTC 6594
 QY 570 TCTGAGAAATGCTTGGCTCTGCGGAGAGAGCTAGAAAAAGAGAACTGCTCTCTCT 629
 DB 6595 TCTGAGAAATGCTTGGCTCTGCGGAGAGAGCTAGAAAAAGAGAACTGCTCTCTCT 6654
 QY 630 GCCTTCTAAAAAGAACAAATAGATCCCTGATGGAATCTTTTACTAAAGGAAGTGAGAA 689

Db	6655	GCCTTCTTAAAGAAACAATAAGATCCCTGAATGGACITTTTTTCTAAAGGAAAGTGAGAA	6714
Qy	690	GCTAACGTCCTCATCATTTAGAGATTTTACATGAACCTGGCTCAGTTGAAAAAGAAA	749
Db	6715	GCTAACGTCCTCATCATTTAGAGATTTTACATGAACCTGGCTCAGTTGAAAAAGAAA	6774
Qy	750	TAGTGTCAAGTTGTCCATGAGACCCAGAGGTAGACTTGTATACCAACAAGATTCATTGACA	809
Db	6775	TAGTGTCAAGTTGTCCATGAGACCCAGAGGTAGACTTGTATACCAACAAGATTCATTGACA	6834
Qy	810	ATATTTTATTTGTCACTGTATGATACCAACAGAAAAATTAATGTACTTTTAAAAAATTTGTTGAA	869
Db	6835	ATATTTTATTTGTCACTGTATGATACCAACAGAAAAATTAATGTACTTTTAAAAAATTTGTTGAA	6894
Qy	870	AGAGGTTTACCTCTCATTTTACCAAAAAGCTTATGTAACCTTCCATATCCAA	929
Db	6895	AGAGGTTTACCTCTCATTTTACCAAAAAGCTTATGTAACCTTCCATATCCAA	6954
Qy	930	TATTTTATATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCTCAGTTTATTA	989
Db	6955	TATTTTATATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCTCAGTTTATTA	7014
Qy	990	ATATGATTTTATTTATAGAAAACATTTCTGCTTATGATATTTAGTATTAAGGCAATATA	1049
Db	7015	ATATGATTTTATTTATAGAAAACATTTCTGCTTATGATATTTAGTATTAAGGCAATATA	7074
Qy	1050	TTTATGACATAACTATGAAACCAAGATATCTTAGGCTTTTATTAACACATGATATCAT	1109
Db	7075	TTTATGACATAACTATGAAACCAAGATATCTTAGGCTTTTATTAACACATGATATCAT	7134
Qy	1110	AAA 1112	
Db	7135	AAA 7137	
RESULT 9			
US-09-751-797-29			
; Sequence 29, Application US/09751797			
; Patent No. US20010024652A1			
; GENERAL INFORMATION:			
; APPLICANT: Dumoutier, Laure			
; APPLICANT: Louhed, Jamila			
; APPLICANT: Renaud, Jean-Christophe			
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac			
; FILE REFERENCE: LUD 5543.2			
; CURRENT APPLICATION NUMBER: US/09/751,797			
; PRIOR FILING DATE: 2000-12-29			
; PRIOR FILING DATE: 1999-10-18			
; PRIOR FILING DATE: 1998-10-26			
; NUMBER OF SEQ ID NOS: 29			
; SEQ ID NO 29			
; LENGTH: 5935			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
; FEATURE:			
US-09-751-797-29			
Query Match 49.6%; Score 555.2; DB 9; Length 5935;			
Best Local Similarity 96.0%; Pred. No. 5.9e-109;			
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;			
Qy	510	AAAGCTTCGAGAGGTGAGAGATCAAGGCGATTGGGGAACCTGGACCTGCTGTTATGTC	569
Db	5221	ATAGCTTCGAGAGCGGAGAGATCAAGCGATCGGGGAACCTGGACCTGCTGTTATGTC	5280
Qy	570	TCTGAGAAATGCTTCGCTCTCAGCGAGAGAGAGCTAGAAAACGAGAACTGCTCCTTCCT	629
Db	5281	TCTGAGAAATGCTTCGCTCTCAGCGAGAGAGAGCTAGAAAACGAGAACTGCTCCTTCCT	5340

Qy	630	GCCTTCTTAAAGAAACAATAAGATCCCTGAATGGACITTTTTTCTAAAGGAAAGTGAGAA	689
Db	5341	GCCTTCTTAAAGAAACAATAAGATCCCTGAATGGACITTTTTTCTAAAGGAAAGTGAGAA	5400
Qy	690	GCTAACGTCCTCATCATTTAGAGATTTTACATGAACCTGGCTCAGTTGAAAAAGAAA	749
Db	5401	GCTAACGTCCTCATCATTTAGAGATTTTACATGAACCTGGCTCAGTTGAAAAAGAAA	5460
Qy	750	TAGTGTCAAGTTGTCCATGAGACCCAGAGGTAGACTTGTATACCAACAAGATTCATTGACA	809
Db	5461	TAGTGTCAAGTTGTCCATGAGACCCAGAGGTAGACTTGTATACCAACAAGATTCATTGACA	5520
Qy	810	ATATTTTATTTGTCACTGTATGATACCAACAGAAAAATTAATGTACTTTTAAAAAATTTGTTGAA	869
Db	5521	ATATTTTATTTGTCACTGTATGATACCAACAGAAAAATTAATGTACTTTTAAAAAATTTGTTGAA	5580
Qy	870	AGAGGTTTACCTCTCATTTTACCAAAAAGCTTATGTAACCTTCCATATCCAA	929
Db	5581	AGAGGTTTACCTCTCATTTTACCAAAAAGCTTATGTAACCTTCCATATCCAA	5640
Qy	930	TATTTTATATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCTCAGTTTATTA	989
Db	5641	TATTTTATATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCTCAGTTTATTA	5700
Qy	990	ATATGATTTTATTTATAGAAAACATTTCTGCTTATGATATTT-AGTATTAAGGCAATATA	1048
Db	5701	ATATGATTTTATTTATAGAAAACATTTCTGCTTATGATATTTAGTATTAAGGCAATATA	5760
Qy	1049	ATTTATGACATAACTATGGAACCAAGATATCTTAGGCTTTTATTAACACATGATATCA	1108
Db	5761	ATTTATGACATAACTATGGAACCAAGATATCTTAGGCTTTTATTAACACATGATATCA	5820
Qy	1109	TAAA 1112	
Db	5821	TAAA 5824	
RESULT 10			
US-10-256-977-1			
; Sequence 1, Application US/10256977			
; Publication No. US20030157106A1			
; GENERAL INFORMATION:			
; APPLICANT: Jacobs, Kenneth			
; APPLICANT: Pittman, Debra			
; APPLICANT: Fouser, Lynette			
; APPLICANT: Spaulding, Vikki			
; APPLICANT: Xuan, Dejun			
; TITLE OF INVENTION: Composition and Method for Treating Inflammatory			
; FILE REFERENCE: G15358 CIP			
; CURRENT APPLICATION NUMBER: US/10/256,977			
; CURRENT FILING DATE: 2002-09-27			
; PRIOR APPLICATION NUMBER: US/10/084,298			
; PRIOR FILING DATE: 2002-09-10			
; PRIOR APPLICATION NUMBER: 60/270,823			
; PRIOR FILING DATE: 2001-02-23			
; PRIOR APPLICATION NUMBER: 60/281,353			
; PRIOR FILING DATE: 2001-04-03			
; PRIOR APPLICATION NUMBER: 60/131,473			
; PRIOR FILING DATE: 1999-04-28			
; PRIOR APPLICATION NUMBER: 09/561,811			
; PRIOR FILING DATE: 2000-04-28			
; NUMBER OF SEQ ID NOS: 10			
; SOFTWARE: Patentin Ver. 2.1			
; SEQ ID NO 1			
; LENGTH: 1191			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
US-10-256-977-1			
Query Match 47.8%; Score 535.2; DB 13; Length 1191;			
Best Local Similarity 73.4%; Pred. No. 4.9e-105;			
Matches 843; Conservative 0; Mismatches 266; Indels 37; Gaps 11;			

QY 9 CTCCTCCTCCTATCACTTATGACACTTGTGGGATCTCTGATGCTGTCTGCGAGAA 68
Db 28 CTCCTTCCCAGTCACTGCTCTGAGTTAGATGTGCAATGTGCGCCCTGCGAGAA 87
QY 69 ATCTATGAGTTTTCCCTTATGGGACTTTGGCCGACGCTGCTGCTCTCTATGCCCC 128
Db 88 ATCTGTGAGCTCTTTCCTTATGGGAGCCCTGSCCACCAGCTGCTCTCTCTGCCCC 147
QY 129 GTGGGCCAGGAGGCAATGCGCTGCCGCTCAACACCGGTGCAAGCTGAGGTGCCAA 188
Db 148 CTGTGTACAGGAGGAGGAGGCTGCCCTCATGCTCCCATCTGAGGCTTGACAGTCCAA 207
QY 189 CTTCAGAGCCGTCATGCTCAACCGCACTTTATGTGSCCAGAGGCCAGCCCTGC 248
Db 208 CTTCAGAGCCGTCATGCTCAACCGCACTTTATGCTGCTGCTGAGGAGGCTGCTGGC 267
QY 249 AGATAACAACACAGAGCTCCGCTCATCGGAGAGAACTGTTCGAGAGTCACTGCTAA 308
Db 268 TGATAACAACACAGAGCTTCGCTCATTCGGGAGAGAACTGTTCACGAGTCACTGAG 327
QY 309 AGATCAGTCTACCTGATGATGAGCAGTGTCTCACTTCCCTGGAAGACGTTCTGCTCC 368
Db 328 TGAGCCCTGCTATCTGATGATGAGCAGTGTCTCACTTCCCTGGAAGAGTGTGCTCC 387
QY 369 CCAGTCAGAGAGTTCAGCCCTTACATGAGAGGTGTGATCTTCTGACCAAACTCAG 428
Db 388 TCAATCTGATAGCTTCCAGCTTATATGACAGAGGTGTGAGAGATCAAGCAATTCGAGA 447
QY 429 CAATCAGTCTACCTGTCATCAGCGGTGACGACAGAACTCCAGAGATCTCAG 488
Db 448 CAACAGCTTACCATGTCATATGAGAGGTGTGATCTGATCTGATCTGATCTGATCTG 507
QY 489 AAGGCTGAAGGAGACAGTGAAGAACTTGGAGAGGTGTGAGAGATCAAGCGGATTTGGGA 548
Db 508 AAAGCTGAAGGACACAGTGAAGAACTTGGAGAGGTGTGAGAGATCAAGCAATTCGAGA 567
QY 549 ACTGAGCTCTGCTTGTATGCTCTGAGAACTTGTGCTGTGAGAGAGAGTGTGAGAA 608
Db 568 ACTGAGTCTGCTTGTATGCTCTGAGAACTTGTGCTGTGAGAGAGAGTGTGAGAA 627
QY 609 AAGGAGAACT 668
Db 628 AATGAAATACTAACT 687
QY 669 TTATA---CTAAAGGAAAGTGAGAGCTAACCTCTCTCTCTCTCTCTCTCTCTCTCT 724
Db 688 TTTTAAACCAAGAGAGATGGAGCCAACTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 747
QY 725 AACCTGGCTCAGTTGAAAGAAATAGTGTCAA--GTGTGCTATGAGAGCCAG-AGGTAG 781
Db 748 ACCCTGGCTTGTATGATGAGAGAAACCAATGCCACTTTTGTATGAGAGAGAGGTAG 807
QY 782 ACTTGATACCAAGAGATTCATGACAAATATTTTATGTCACCTGATG---ATACAA 837
Db 808 ACTTCTAGCATAGATATTTATGATTAACATTTTCACTGATGTTCTATACAG 867
QY 838 GAATATATGATCTTAAAGAAATGTTT-----GAAGAGGATTTACCTCTCATCTCT 890
Db 868 AAAACAATTTATTTTAAATGCTTTTTCATGAGAGAGATTTCTCTCTCTCTCTCTCT 927
QY 891 TTA---GAAAAAGCTTATGTAAGTCA--TTTCCATATCCATATTTTATATATGTA 945
Db 928 TTAGGGGAAAAACCCCTAAATAGCTTCACTGTTTCCATATCTAGTCTTATATTTAT 987
QY 946 GTTTATTTATTAAGTATA-----CATTTTATTTATGTCAGTTTATTAATGATTT 999
Db 988 ATGTATTTATTTATTAAGCTGCAATTTTATTTATCTATTTTATTAATGATTT 1047
QY 1000 ATTTATGAAAAATTTATCTGCTATTGATA-TTTAGTATAAGGCAATA---ATATTTAT 1055
Db 1048 ATTTATGAAAAATTTATCTGCTATTGATA-TTTAGTATAAGGCAATA-TTTATTTAT 1107

QY 1056 ACAATAACTATG---AAACAAGATATCTTAGGCTTTANTAAACACATGATGATATCA 1111
Db 1108 ACAATAATATAGAGTATACATGTTTATTGACCTCAATAAACAATGATATCTCTAA 1167
QY 1112 AAAAAAAA 1119
Db 1168 AAAAAAAA 1175
RESULT 11
US-10-084-298-1
; Sequence 1, Application US/10084298
; Publication No. US20030099649A1
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: Pittman, Debra
; APPLICANT: Fouser, Lynette
; APPLICANT: Spaulding, Vikki
; APPLICANT: Xuan, Dejun
; TITLE OF INVENTION: Composition and Method for Treating Inflammation
; TITLE OF INVENTION: Disorders
; FILE REFERENCE: G15358 CIP
; CURRENT APPLICATION NUMBER: US/10/084,298
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 60/270,823
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/281,353
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/131,473
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/561,811
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 1191
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-084-298-1

Query Match 47.8%; Score 535.2; DB 15; Length 1191;
Best Local Similarity 73.4%; Pred. No. 4.9e-105;
Matches 843; Conservative 0; Mismatches 268; Indels 37; Gaps 11;

QY 9 CTCCTCCTCCTATCACTTATGACACTTGTGGGATCTCTGATGCTGTCTGCGAGAA 68
Db 28 CTCCTTCCCAGTCACTGCTCTGAGTTAGATGTGCAATGTGCGCCCTGCGAGAA 87
QY 69 ATCTATGAGTTTTCCCTTATGGGACTTTGGCCGACGCTGCTGCTCTCTATGCCCC 128
Db 88 ATCTGTGAGCTCTTTCCTTATGGGAGCCCTGSCCACCAGCTGCTCTCTCTGCCCC 147
QY 129 GTGGGCCAGGAGGCAATGCGCTGCCGCTCAACACCGGTGCAAGCTTGAAGTGTCCAA 188
Db 148 CTGTGTACAGGAGGAGGAGGCTGCCCTCATGCTCCCATCTGAGGCTTGACAGTCCAA 207
QY 189 CTTCAGAGCCGTCATGCTCAACCGCACTTTATGTGSCCAGAGGCCAGCCCTGC 248
Db 208 CTTCAGAGCCGTCATGCTCAACCGCACTTTATGCTGCTGCTGAGGAGGCTGCTGGC 267
QY 249 AGATAACAACACAGAGCTCCGCTCATCGGAGAGAACTGTTCGAGAGTCACTGCTAA 308
Db 268 TGATAACAACACAGAGCTTCGCTCATTCGGGAGAGAACTGTTCACGAGTCACTGAG 327
QY 309 AGATCAGTCTACCTGATGATGAGCAGTGTCTCACTTCCCTGGAAGACGTTCTGCTCC 368
Db 328 TGAGCCCTGCTATCTGATGATGAGCAGTGTCTCACTTCCCTGGAAGAGTGTGCTCC 387
QY 369 CCAGTCAGAGAGTTCAGCCCTTACATGAGAGGTGTGATCTTCTGACCAAACTCAG 428
Db 388 TCAATCTGATAGCTTCCAGCTTATATGAGAGGTGTGAGAGATCAAGCAATTCGAGA 447
QY 429 CAATCAGTCTACCTGCTGTCATGAGAGGTGTGAGAGATCAAGCAATTCGAGA 488

Db 448 CAACAGGCTAAGCAGCATGTCATATTTGAAGGTGATGACCTGCATATCCAGAGGAATGTGCA 507
Qy 489 AAGGCTGAAGGAGAGCAGTGAAGAGCTTTGGAGAGAGTGGAGAGATCAAGCGGATTTGGGA 548
Db 508 AAGCTGAGGACAGTGAAGAGCTTTGGAGAGAGTGGAGAGATCAAGCAATTTGGAGA 567
Qy 549 ACTGAGCTGCTGTTTATGCTCTGAGAAATGCTTGGAGAGAGTGGAGAGATCAAGCAATTTGGAGA 608
Db 568 ACTGAGTGTGTTTATGCTCTGAGAAATGCTTGGAGAGAGTGGAGAGATCAAGCAATTTGGAGA 627
Qy 609 AACGAAGAAGCTGCTTCCCTGCTTCTTAAAGAGCAATTAAGATCCCTGAATGGACTTT 668
Db 628 AATGAATTAACCTTCCCTGCTTCTTAAAGAGCAATTAAGATCCCTGAATGGACTTT 687
Qy 669 TTTA-----CTAAGAGAGTGAAGAGTCAAGCTCCATCATCATTAAGAGATTTCAATGA 724
Db 698 TTTTAAACAAAGAGAGATGGAGAGCAAACTCCATCATGATGGGTGGATTTCAAATGA 747
Qy 725 AACCTGGCTCAGTTGAAAGAGAAATAGTGTCAA--GTGTGTCATGAGACAG-AGGTAG 781
Db 748 ACCCTGGCTGTTAGTTACAAAGAGCAATTAAGATCCCTGAATGGACTTT 807
Qy 782 ACTTGATTAACCAAGAGTCAAGTCAAGCTCCATCATCATTAAGAGATTTCAATGA 837
Db 808 ACTTTCTAAGCATAGATATTTAATGAACATTTTCAATCATGATGGGTGGATTTCAAATGA 867
Qy 838 GAAAAAATATGACTTTTAAAAAATGTTT-----GAAAGGAGGTTCACCTCTCATTTCT 890
Db 868 ABAACAATTTATTTTAAATTAATGCTTTTCCATTAAGAGATTTTCCATTTCT 927
Qy 891 TTA-----GAAAAAGCTTATGTAATCTCA--TTTCCATATCCAAATATTTATATATGTA 945
Db 928 TTAGGGGAAAAAACCCTTAAATAGCTTCATGTTTCCATATCACTTATATATATATA 987
Qy 946 GTTTATTTATTAATAGTATA-----CATTTTATTTATGTCAGTTTATTAATATGATTT 999
Db 988 ATGTTATTTATTTATTAATAGAGCTGCAATTTTATTTATCAATTTTATTAATGATTT 1047
Qy 1000 ATTTATAGAAATATCTGCTATGATA--TTTATATTAAGGCAATA--ATATTTATG 1055
Db 1048 ATTTATAGAAATCAATTCGATATTTGCTACTGATGATGATGATGATGATGATGATG 1107
Qy 1056 ACATATAATATG-----AAACAAGATATCTTAGGCTTTTAAACAACATGATATCATAA 1111
Db 1108 ACAATAATATAGACTATACATGTTTATTTGACCTCAATAACACTTGATATCTTAA 1167
Qy 1112 AAAAAAAA 1119
Db 1168 AAAAAAAA 1175

RESULT 12

US-09-870-574-1
; Sequence 1, Application US/09870574
; Patent No. US20020102723A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Austin L.
; APPLICANT: Aggarwal, Sudeepta
; APPLICANT: Xie, Ming-Hong
; APPLICANT: Maruoka, Ellen M.
; APPLICANT: Foster, Jessica S.
; APPLICANT: Goddard, Audrey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: INTERLEUKIN-22 POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; FILE OF INVENTION: THE SAME AND METHODS FOR THE TREATMENT OF PANCREATIC DISORDERS
; FILE REFERENCE: P2806-1 (US)
; CURRENT APPLICATION NUMBER: US/09/870,574
; CURRENT FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: US 60/169,495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22

; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 1
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-09-870-574-1

Query Match 46.9%; Score 524.8; DB 10; Length 1152;
Best Local Similarity 73.2%; Pred. No. 8.3e-103;
Matches 832; Conservative 0; Mismatches 267; Indels 37; Gaps 11;
Qy 9 CTCCTCCTCCTCACTTATCAACTGTTGACACTTGTGGGATCTCTGATGGCTGCTCTGCAGAA 68
Db 15 CTCCTCCTCCTCCTCCTCCTGCTGCTGAGTTAGATTTGTCTGCAATGGCCGCTCTGCAGAA 74
Qy 69 ATCTATGAGTTTTTCCCTTATGGGGACTTTTGGCGCAGCTGCTGCTGCTTCTCAITGGCCCT 128
Db 75 ATCTGTGAGCTTTTCTCTTATGGGACCTGCGCCACCACTGCTGCTGCTTCTCTTGGCCCT 134
Qy 129 GTGGGCCCCAGAGCAAAATGGCTGCGCTGCGCTCAACACCCGGTGCAGAGTTGAGGTGTCNA 188
Db 135 CTTGGTACAGGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGAGGCTTTGAAGAFTCCAA 194
Qy 189 CTTCCAGCAGCCGTATCATCTCAACCGCACCTTTTATGCTGGCCAAAGGAGCCAGGCTTGC 248
Db 195 CTTCCAGCAGCCGTATATATCAACCAACCGCACCTTTTATGCTGGCTAAGGAGCTAGCTTGC 254
Qy 249 AGATAACAAACAGACAGCTCGGCTCATCGGGAGAACTGTTCCGAGGAGTCAAGTCTAA 308
Db 255 TGATAACAAACAGACAGCTTCTCTCATTTGGGGAGAACTGTTCCAGGAGTCAAGTATGAG 314
Qy 309 AGATCAGTGTACTCTGATGAAGCAGGTGCTCAACCTTCACTGGAAGAGCTTCTGCTCC 368
Db 315 TGAGCGCTGCTATCTGATGAAGCAGGTGCTCAACCTTCACTGGAAGAGTCTGCTTCC 374
Qy 369 CCAGTCAGACAGTTCCAGCCCTACATGAGAGAGGTGTAACCTTCTGACCAACTCAAG 428
Db 375 TCAATCTGATAGTTTCAGGCTTATATGAGAGAGGTGTCCTTCTGCGCAGGCTCAG 434
Qy 429 CAATCAGCTCAGCTCCTGTCACATCAGCGGTGACACCAAGAAATCCAGAGAAATGTGCA 488
Db 435 CAACAGGCTAAGCACATGTCATATTGAAGGTGATGACCTGTCATATCCAGAGAAATGTGCA 494
Qy 489 AAGGCTGAAGGACAGTGAAGAGCTTGGAGAGAGTGGAGAGATCAAGCGCATTTGGGA 548
Db 495 AAGCTGAAGGACAGTGAAGAGCTTGGAGAGAGTGGAGAGATCAAGCAATTTGGAGA 554
Qy 549 ACTGAGCTGCTGTTTATGTTCTGAGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAA 608
Db 555 ACTGGATTTGCTGTTTATGTTCTGAGAAATGCTTGCATTTGACCAAGAGCTGAA 614
Qy 609 AACGAAGAAGTCTCTTCTGCTTCTTAAAGAGCAATTAAGATCCCTGAATGGACTTT 668
Db 615 AATGAATTAATTAACCTTCTTCTGCTGAGAAATTAACAATTTAGTGCCTCAAGCGATTT 674
Qy 669 TTTA-----CTAAGAGAAAGTGAAGAGTAAACGTCATCATCATTTAGAGATTTCAATGA 724
Db 675 TTTTAAACAAAGAGAGTGGAGAGCAAACTCCATCATGATGGGTGGATTTCCAAATGA 734
Qy 725 AACCTGGCTCAGTTGAAAGAGAAATAGTGTCAA--GTGTGTCATGAGACAG-AGGTAG 781
Db 735 ACCCTGGTGTAGTTCAAGAGAAACCAATGCCATTTTGTGTTTAAAGACCAAGAGTAG 794
Qy 782 ACTTGATAACCAAGAGTTCATGACAATATTTTATTTATGCTGATG-----ATACAACA 837
Db 795 ACTTCTTAAGCATAGATATTTATTTGATAACATTTTCAATTTGATGTTTCTATACACAG 854
Qy 838 GAAAAAATATGACTTTTAAAAAATTCGTT-----GAAAGGAGGTTCACCTCTCATTTCT 890
Db 855 AAAAAATTTATTTTAAATAATTTGTTTTCATTAATAAAGATTAATTTTCCATTTCT 914

QY 891 TTA---GAAAAAGCTTATGTAAGTCA--TTTCCATATCCAAATTTTATATATATGTA 945
Db 915 TTAGGGGAAAAAACCCCTAAATAGCTTCATGTTTCCATATATGTAAGTCTTATATATAT 974
QY 946 GTTATTTTATATAGTATA-----CATTTTATTTATGTCAGTTTATTAATATGGA 999
Db 975 ATGTATTTTATTTATTTATTAAGACTGCAATTTTATTTATATATCAATTTTATTAATATG 1034
QY 1000 ATTTATAGAAACATTTCTGCTATTGATA-TTTAGTATAAGGCAATA---ATATTTATG 1055
Db 1035 ATTTATAGAAACATTTCTGATTTTCTGTTAGTGTAGAGGCTATATTTATTTATG 1094
QY 1056 ACAATAACTATGG---AAACAAGATATCTTAGGCTTTTATTAACACATGATATC 1107
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RESULT 13
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; Sequence 243, Application US/10232226
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C110
; CURRENT APPLICATION NUMBER: US/10/232,226
; CURRENT FILING DATE: 2002-08-29
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 243
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-232-226-243
Query Match 46.9%; Score 524.8; DB 12; Length 1152;
Best Local Similarity 73.2%; Pred. No. 8.3e-103;
Matches 832; Conservative 0; Mismatches 267; Indels 37; Gaps 11;
QY 9 CTCCTCTCTCACTTATCACTGTGTGACACTGTGGGATCTCTGATGGCTGCTGCGAGAA 68
Db 15 CTCCTTCCCAGTCCACAGTTCGAGTTAGATTGCTGCAATGGCCGCCCTGCGAGAA 74

QY 69 ATCTATGAGTTTTTCCCTTATATGGGACCTTTGGCCGACAGCTGCTGCTTCTCTCAATTTGCCCT 128
Db 75 ATCTGTGAGCTCTTTTCCCTTATATGGGACCTTTGGCCGACAGCTGCTGCTTCTCTTGGCCCT 134
QY 129 GTGGGCCAGGAGGCAAAATGCGCTGCCCTCAACACCCCGGTGCAAGCTTTGAGGTGTCAA 188
Db 135 CTTGTGTACAGGAGGAGGAGCTGCGGCCCATCAGCTCCCACTCGAGGCTTGACAAGTCCAA 194
QY 189 CTTCCAGACGCTTACATCGTCAACCGCACCTTTTATGCTGGCCAAAGGAGGCCAGCTTGC 248
Db 195 CTTCCAGACGCTTATATCACCAACCGCACCTTTTATGCTGGCTTAAGGAGGCTAGCTTGC 254
QY 249 AGATAACAACAACAGAGCTGCGCTCATCGGGGAGAAACTGTTCCGAGGAGTCAAGTGTCAA 308
Db 255 TGATAACAACAACAGAGCTTCTGCTCATTTGGGGAGAAACTGTTCCACGGAGTCAAGTATGAG 314
QY 309 AGATCAGTGTCTACGTATGAGCAGCTGTCAACTTTCACCTCGGAAGAGCTTCTGCTCCC 368
Db 315 TGAGCGCTGCTATCTGATGAGCAGCTGTGCTGAACCTTTCACCTTGAAGAGTGTCTTCCC 374
QY 369 CCAGTCAGAGGTTCCAGCCCTTACATGAGGAGGTTGTTACTCTTCTGACCAAACTCAG 428
Db 375 TCAATCTGATAGGTTCCAGCCCTTATATGAGGAGGTTGTTGCTGCTGCTGCGCCAGGCTCAG 434
QY 429 CAATCAGCTCAGCTCTCTCATCATCAGCGGTGACGACCAAGAACATCCAGAGAAATGTCA 488
Db 435 CAAAGCTTAAGCACATGTCATATTGAAGGTGATGACCTGCATATCCAGAGGAATGTCA 494
QY 489 AAGCTGAAGAGAGCAGTGAAGAAAGCTTGAAGAGTGGAGAGATCAAGGCCAATTTGGGA 548
Db 495 AAAGCTGAAGAGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATCAAAAGCAATTTGGAGA 554
QY 549 ACTGAGCTGCTGTTTATGCTCTGAGAAATGCTTCCGCTCTGAGCGAGAGAGCTAGAA 608
Db 555 ACTGGAATGCTGTTTATGCTCTGAGAAATGCTTCCATTTGACCAAGAGCAAGCTGAA 614
QY 609 AACGAAGACCTGCTCTTCCCTGCTTCTAAAGAAACATATAGATCCCTGATGAGCTTT 568
Db 615 AATGAATAACTAACCCCTTCCCTGCTGAGAAATCAATATAGATGCCCCCAAGCGATTT 674
QY 669 TTTA---CTAAGGAAAGTGAGAAGCTTAACGTCCTATCATTTAGAGATTTACATCA 724
Db 675 TTTTAAACCAAAAGGAAGATGGGAAGCCAAACTCCATCATGATGGGTGATGCTCAAATGA 734
QY 725 AACCTGGCTCAGTTGAAAAAGAAATAGTGTCAA--GTTGTCATCAGACCCAG--AGGTAG 781
Db 735 ACCCTGCTGTTAGTTTCAAGGAAACCAATGCCACTTTTGTATTAAAGACCAAGAGTGA 794
QY 782 ACTTGATAACCAAAAGATTCATTGACAAATATTTTATTTGTCATGATG---ATACAACA 837
Db 795 ACTTCTAAGCATAGATATTTTATTTATTAACATTTTCACTGTTGTTCTATATACACAG 854
QY 838 GAAAAATAATGTAAGTATAAGGAGGTTTCTT-----GAAAGGAGGTTTCTCTCATTTCT 890
Db 855 AAAACAATTTATTTTAAATAATTTGCTTTTCCATATAAAAGATTTCTTTCCATTTCT 914
QY 891 TTA---GAAAAAGCTTATGTAAGTCA--TTTCCATATCCAAATTTTATATATATGTA 945
Db 915 TTAGGGGAAAAAACCCCTAAATAGCTTCATGTTTCCATATCAGTACTTTATATATATAA 974
QY 946 GTTATTTTATTTATTAAGTATA-----CATTTTATTTATGTCAGTTTATTAATATGGA 999
Db 975 ATGTATTTTATTTATTAAGACTGCAATTTTATTTATATCAATTTTATTAATATGGA 1034
QY 1000 ATTTATAGAAACATTTCTGCTATTGATA-TTTAGTATAAGGCAATA---ATATTTATG 1055
Db 1035 ATTTATAGAAACATTTCTGATATTTGCTACTTGGTGAAGCTAATATATTTATTTATG 1094
QY 1056 ACAATAACTATGG---AAACAAGATATCTTAGGCTTTTATTAACACATGATATC 1107
Db 1095 ACAATAATTTATAGAGCTATAACATGTTTATTTGACCTCAATAAACAACCTTGGATATC 1150

309 AGATCAGTCTACCTGATGAGCAGCTGCTCACTTCACTCGGAGAGCTTCTCTCC 368
315 TGAGCGCTCTATCTGATGAGCAGCTGCTCACTTCACTCGGAGAGCTTCTCTCC 374
369 CCAGTCAGACAGCTTCCAGCCCTACATGAGGAGGTGGTACCTTTCTGACCAACTCAG 428
375 TCACTCTGATGGTTCAGCCTTATATGAGGAGGTGGTGGCTTCTCTGGCCAGGCTCAG 434
429 CAATCAGCTCAGCTCTGTCATCATCAGCGGTGACGACGAGACATCCAGAGAAAGTGTGAG 488
435 CAACAGGCTAAGCACATGTCATATTGAAGGTGATGACCTGTCATATCCAGAGAAAGTGTGAG 494
489 AAGGCTGAAGGAGACAGTCAAAAGCTTGGAGAGAGTGGAGAGATCAAGGCGATGGGGA 548
495 AAGCTGAAGGACACAGTCAAAAGCTTGGAGAGAGTGGAGAGATCAAAAGCAATGGGGA 554
549 ACTGACCTGCTGTTTATGTCCTGAGAAATGCTGCGTCTGAGCGAGAGAGCTAGAA 608
555 ACTGATTTGCTGTTTATGTCCTGAGAAATGCTGCGTCTGAGCGAGAGAGCTAGAA 614
609 AAGGAGAGTCTGCT 668
615 AATGAATACTAATCACT 674
669 TTTA---CTAAAGGAAAGTGAAGAGCTAAGCTCCATCATCATTTAGAGATTTCACTGA 724
675 TTTTAAACAAAGGAGAGTGGAGAGCTCACTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 734
725 AACTGCTCAGTGTGAAGAGAAATAGTGTCAA---GTTGTCATCAGAGACCCAG-AGGTAG 781
735 ACCCTGCTGTTAGTTCAAAAGGAAACCAATGCCACTTTTGTATTAAGACCAAGGTAG 794
782 ACTTGATACACCAAGAGATTCATGACAAATATTTATGTCACCTGATG---ATACACA 837
795 ACTTCTAAGCATAGATATTTATGATACATTTGTAATCTGTAAGTGGTGTCTTATACAG 854
838 GAAATTAATGACTTTTAAAGAAATGTTT-----GAAAGGAGGTTCCTCTCACTCT 890
855 AAAAAATTTATTTTAAATATTTGCTTTTCCATTAAGAAAGATTTACTTTCACTCT 914
891 TTA---GAAAAAGCTTATGTAACCTCA---TTTCCATATCCAAATATTTATATGTAA 945
915 TTAGGGGAAAGAAACCCCTAAATAGCTTCATGTTTCCATAATCAGTACTTTATATATA 974
946 GTTTATTTATTAAGTATA-----CATTTATTTATGTCAGTTTATTAATATGATTT 999
975 ATGTATTTATTTATTTATTAAGACTGCTATTTATTTATCAATTTATTAATATGATTT 1034
1000 ATTTATAGAAACATTTCTGCTATTGATA---TTAGTATAAGGCAATA---ATATTTATG 1055
1035 ATTTATAGAAACATTTCTGATATTTGCTACTTGTAGTGTAAAGCTAATATGATTTATG 1094
1056 ACAATAACTATGG---AAACAAGATATCTTAGCTTTAATAACACATGATATC 1107
1095 ACAATAATATAGACTATAACATGTTTATTTGACCTCAATAAACAATTTGATATC 1150

RESULT 14
US-10-230-130-243
; Sequence 243, Application US/10230130
; Publication No. US20040019183A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC101
; CURRENT APPLICATION NUMBER: US/10/230,130
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 243
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-230-130-243
Query Match 46.9%; Score 524.8; DB 12; Length 1152;
Best Local Similarity 73.2%; Pred. No. 8.3e-103;
Matches 832; Conservative 0; Mismatches 267; Indels 37; Gaps 11;
9 CTCCTCTCTCACTTATCAACTGTGTGACACTGTGCGATCTCTGATGGCTGCTCCTGCGAGAA 68
15 CTCCTCTCCAGTACCAGTGTCTCGAGTTAGAAATCTGCAATGGCCCTGCGAGAA 74
69 ATCTATGAGTTTTTCCCTTATGGGACTTTGGCCCGCAGCTGCTGCTTCTCAATGGCCCT 128
75 ATCTGAGCTCTTCTCTTATGGGAGCCCTGGCCACCGAGCTGCTCTCTCTTGGCCCT 134
129 GTGGGCCAGAGGAGCAATGGCTGCGCGTCAACACCGGTGCGAGCTTGAAGTGTCAA 188
135 CTGTGTACAGGAGAGCAGCTGCGCCCATCAGCTCCCACTGCAAGGCTTGAAGTCAA 194
189 CTTCCAGAGCGGTATACGTCAACCGGACCTTTATGTCGCCAAGGAGGCGAGCTTGC 248
195 CTTCCAGAGCGCTTATATCAACCGGACCTTCTATGCTGCTGAAGGAGCTAGCTTGGC 254
249 AGATAACAACAGACAGCTCCGGCTCATCGGGAGAAACTGTTCCGAGGAGTCACTGTAA 308
255 TGATAACAACAGACAGCTTCT 314

RESULT 15
US-10-063-735-153
; Sequence 153, Application US/10063735
; Publication No. US20030138882A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

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; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,735
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-735-153

Query Match      46.9%; Score 524.8; DB 13; Length 1152;
Best Local Similarity 73.2%; Pred. No. 8.3e-103;
Matches 832; Conservative 0; Mismatches 267; Indels 37; Gaps 11;

QY 9 CTCCTCTCACTTATCAACTGTGTGACACTTGTGCGAATCTCTGATGGCTGTCTCTGAGAA 68
DB 15 CTCCTTCCCAAGTACCAGGTTGCTCGAGTTAGAAATGTCTGCAATGGCCGCCCTGCGAGAA 74

QY 69 ATCTATGAGTTTTCCTCTTATGGGACTTTGGCCGCGAGCTGCTGCTCTCATATGCCCT 128
DB 75 ATCTGTGAGCTCTTCTCTTATGGGACCTTGGCCAGCTGCTCTCTCTCTCTGCGCT 134

QY 129 GTGGCCCGAGAGGAAATGGCTGCGCCGTCACACACCCGGTGCAGCTTGTAGGTGTCGAA 188
DB 135 CTGTGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGGCAGCTTGACAGTCCAA 194

QY 189 CTTCAGCAGCGGTACATCGTCAACCGCACCTTTATGTCGCCCAAGAGGCCAGCTTGC 248
DB 195 CTTCAGCAGCGCTTATACCAACACCGACCTTATGCTGCTTAAAGAGCTAGCTTGC 254

QY 249 AGATTAACAACACAGCAGCTCGGCTCATCGGGGAGAACTGTTCCGAGGAGTCAAGTCTAA 308
DB 255 TGATAACAACAACAGCAGCTCGCTCTCATTTGGGGAGAACTGTTCCAGCGAGTCAATGAG 314

QY 309 AGATCAGTGTACCTGTATGAAGCAGGTGCTCACTTCACTCGGAGAGCTTCTGCTCCC 368
DB 315 TGAGCGCTGCTATCTGATGAGCAGGTGCTGAACTTCACTTGAAGAGTGTCTGTTCCC 374

QY 369 CAGTTCAGCAGGTTCCAGCCCTACATGTCAGAGGAGGTGTAACCTTCTGACCAACTCAG 428
DB 375 TCAATCTGATAGTTCCAGCTTATATGTCAGGAGGTGTTGCTGCTGCTGCTGCTGCTGCT 434

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DB 435 CAACAGGCTAAGCACATGTCTATTTGAAGGTGATGACCTGCATATCCAGAGGAATGTGCA 494

QY 489 AAGCTGAAGGAGCAGCTGAAAGAGCTTGGAGAGTGGAGAGATCAAGCGATTTGGGA 548
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QY 549 ACTGACCTGCTGTTTATGCTCTGAGAAATGCTTGGCTGCTGAGCGAGAGAGCTAGAA 608
DB 555 ACTGATTTGCTGTTTATGCTCTGAGAAATGCTTGGCTGCTGAGCGCAAGCTGAAA 614

QY 609 AACGAAAGCTGCTCTCTGCTCTTAAAGAAACAAATAGATCCCTGAATGGACTTT 668
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QY 669 TTTA----CTAAGGAAAGTGAAGCTAAGCTCCATCATCTATTAGAAATTTACATGA 724
DB 675 TTTTAAACAAAGAGAGTGGAGGCCAACTCCATCATGTGGGTGGATTTCCAAATGA 734

QY 725 AACCTGGCTCAGTTGAAAGAAAGAAATAGTGTCA--GTTGTCATGAGACCAG-AGGTAG 781
DB 735 ACCCTGCGTTAGTTTACAAAGAAACCAATGCCACTTTTGTATTATAAGACCAAGAGTAG 794

QY 782 ACTTGATACCAAGAGTTTCAATGACAAATATTTTATGTCACCTGATG----ATACAACA 837
DB 795 ACTTCTAAGCATAGATATTTATGATAACATTTTCAATGTAACCTGTTGTTCTATACACAG 854

QY 838 GAAAAATAATGACTTTAAAAAATGTTT-----GAAAGGAGGTTACCTCTCATCTCT 890
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QY 946 GTTTATTTATTAAGTATA-----CATTTTATTTATGTCAGTTTATTAATATGATTT 999
DB 975 ATGTATTTATTTATTAAGACCTGTCATTTTATTTATATCATTTTATTAATATGATTT 1034
QY 1000 ATTTATAGAAACATTATCTGCTATTGATA--TTTAGTATAAGGCAATA---ATATTTATG 1055
DB 1035 ATTTATAGAAACATCATTCGATATTGCTACTTGTAGTGAAGGCTAATATTGATATTTATG 1094
QY 1056 ACAATAACTATGG----AAACAAGATATCTTAGGCTTTTAAATAAACACATGGATATC 1107
DB 1095 ACAATAATATAGAGCTATACATGTTTATTTGACCTCAATAAACACTTGGATAIC 1150
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OM nucleic - nucleic search, using sw model

Run on: February 10, 2004, 21:08:20 ; Search time 56.7822 Seconds
(without alignments)
8698.281 Million cell updates/sec

Title: US-09-751-797-7
Perfect score: 1119
Sequence: 1 taaacaggctctctctcac.....tggatatacaaaaaaaaaa 1119

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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4: /cgn2_6/ptodata/2/ina/6B_COMB.seq.*
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6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	1119	100.0	1119	4	US-09-419-568F-7
3	1119	100.0	1119	4	US-09-354-243B-7
4	1047.8	93.6	1111	3	US-09-178-973B-9
5	1047.8	93.6	1111	4	US-09-419-568F-9
6	1047.8	93.6	1111	4	US-09-354-243B-9
7	601.4	53.7	7445	3	US-09-178-973B-8
8	601.4	53.7	7445	4	US-09-419-568F-8
9	601.4	53.7	7445	4	US-09-354-243B-8
10	555.2	49.6	5935	3	US-09-178-973B-17
11	555.2	49.6	5935	4	US-09-419-568F-29
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13	524.8	46.9	1152	4	US-09-870-574-1
14	409.2	36.6	690	4	US-09-419-568F-24
15	409.2	36.6	690	4	US-09-354-243B-24
16	126	11.3	4797	4	US-09-419-568F-25
17	126	11.3	4797	4	US-09-354-243B-25
18	59.4	5.3	5852	1	US-07-867-106-2
19	51.8	4.6	678	1	US-07-991-867B-23
20	51.8	4.6	678	1	US-08-107-755A-23
21	51.8	4.6	678	2	US-08-544-332-23
22	51.8	4.6	678	4	US-09-370-861A-23
23	51.8	4.6	6768	1	US-08-107-755A-1
24	51.8	4.6	8457	1	US-07-991-867B-1
25	51.8	4.6	8457	2	US-08-544-332-1
26	51.8	4.6	8457	4	US-09-370-861A-1
27	51.8	4.6	53332	4	US-09-801-861-3

28	51.4	4.6	168575	4	US-09-426-290-1	Sequence 1, Appli
29	51.2	4.6	20674	4	US-09-641-638-651	Sequence 651, App
30	50.8	4.5	837	3	US-08-998-416-288	Sequence 288, App
31	50.8	4.5	7218	1	US-08-232-463-14	Sequence 14, Appl
32	50.6	4.5	4526	1	US-07-855-413B-4	Sequence 4, Appli
33	50.6	4.5	4526	2	US-08-308-887A-4	Sequence 4, Appli
34	50.6	4.5	4526	3	US-08-881-094-4	Sequence 4, Appli
35	50.2	4.5	15418	4	US-09-783-203-1	Sequence 1, Appli
36	50	4.5	53332	4	US-09-801-861-3	Sequence 3, Appli
37	49.6	4.4	636	3	US-08-998-416-1137	Sequence 1137, Ap
38	49.6	4.4	10640	4	US-09-417-485D-5	Sequence 5, Appli
39	49.2	4.4	731	1	US-08-451-405A-2	Sequence 2, Appli
40	49.2	4.4	8920	2	US-08-446-855A-1	Sequence 1, Appli
41	49.2	4.4	8920	3	US-09-150-741-1	Sequence 1, Appli
42	48.2	4.3	615	3	US-08-998-416-186	Sequence 186, App
43	48.2	4.3	636	3	US-08-998-416-1137	Sequence 1137, Ap
44	48.2	4.3	837	3	US-08-998-416-288	Sequence 288, App
45	47.2	4.2	1689	1	US-07-991-867B-41	Sequence 41, Appli

ALIGNMENTS

RESULT 1
US-09-178-973B-7
; Sequence 7, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renault, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TIFFs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 7
; LENGTH: 1119
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-7

Query Match	100.0%;	Score 1119;	DB 3;	Length 1119;
Best Local Similarity	100.0%;	Pred. No. 2.4e-273;		
Matches 1119;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	TAAACAGGCTCTCTCTCACTTATCAACTGTTGACACTTGTGCGATCTCTGATGCTGTC	60	
Db	1	TAAACAGGCTCTCTCTCACTTATCAACTGTTGACACTTGTGCGATCTCTGATGCTGTC	60	
QY	61	CTGCAGAAATCTATGAGTTTTTCCCTTATGCGGACTTTGGCGCGAGCTGCTGCTTCTC	120	
Db	61	CTGCAGAAATCTATGAGTTTTTCCCTTATGCGGACTTTGGCGCGAGCTGCTGCTTCTC	120	
QY	121	ATTGCGCTGTGGGCGGAGGCAATGCGGCGGCTCAACACCCGGTGCAAGCTTCAG	180	
Db	121	ATTGCGCTGTGGGCGGAGGCAATGCGGCGGCTCAACACCCGGTGCAAGCTTCAG	180	
QY	181	GTGTCCAACTTCCAGCAGCGGTACATGTCACACCGACTTTATGCTGCGGAGGCTC	240	
Db	181	GTGTCCAACTTCCAGCAGCGGTACATGTCACACCGACTTTATGCTGCGGAGGCTC	240	
QY	241	AGCCTTGCAGATAAACAACACAGCGTCCGGCTCATCGGGAGAACTGTTCCGAGAGTC	300	
Db	241	AGCCTTGCAGATAAACAACACAGCGTCCGGCTCATCGGGAGAACTGTTCCGAGAGTC	300	
QY	301	AGTGTAAAGATCAGTGTCTACCTGATGAAGAGGCTGCTCACTTCACTTCAAGACGTT	360	
Db	301	AGTGTAAAGATCAGTGTCTACCTGATGAAGAGGCTGCTCACTTCACTTCAAGACGTT	360	
QY	361	CTGCTCCCCAGTCACAGAGGTTCCAGCCCTACATGACGAGGAGTGTACCTTTCCTGACC	420	

Db 361 CTGCTCCCTCCAGTACAGAGGTTCCAGCCCTACATGACAGAGGTGGTACCTTTCTTGACC 420
QY 421 AAATCAGCAATCAGCTCAGCTCCTGTGTCATCATCAGCGGTGACGACCAAGAACATCCAGAA 480
Db 421 AAATCAGCAATCAGCTCAGCTCCTGTGTCATCATCAGCGGTGACGACCAAGAACATCCAGAA 480
QY 481 AATGTCAAGGCTGAAGGACAGTGAAGAGCTGAAGAGCTGAGAGAGTGGAGAGTCAAGCG 540
Db 481 AATGTCAAGGCTGAAGGACAGTGAAGAGCTGAGAGAGTGGAGAGTGGAGAGTCAAGCG 540
QY 541 ATTGGGAACCTGACCT 600
Db 541 ATTGGGAACCTGACCT 600
QY 601 AGCTAGAAAACGAAGACCTGCT 660
Db 601 AGCTAGAAAACGAAGACCTGCT 660
QY 661 TGGACTTTTACTAAAGAAAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAG 720
Db 661 TGGACTTTTACTAAAGAAAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAG 720
QY 721 ATGAAACCTGGCTCAGTTTGAAGAAAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAG 780
Db 721 ATGAAACCTGGCTCAGTTTGAAGAAAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAG 780
QY 781 GACTTGATAACCAAGAAATCATTGACAAATATTTATGTCATGATGATGATGATGATGATGAT 840
Db 781 GACTTGATAACCAAGAAATCATTGACAAATATTTATGTCATGATGATGATGATGATGATGAT 840
QY 841 AAATAATGACTTTTAAAGAAATGTTTGAAGAGGTTACCTCTCATTCCTTTTGAAGAAAA 900
Db 841 AAATAATGACTTTTAAAGAAATGTTTGAAGAGGTTACCTCTCATTCCTTTTGAAGAAAA 900
QY 901 AGCTTATGTAATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTC 960
Db 901 AGCTTATGTAATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTC 960
QY 961 GTATACATTTTATTTATGTCAGTTTATTAATGAGTTTATTAATGAGTTTATTAATGAGTT 1020
Db 961 GTATACATTTTATTTATGTCAGTTTATTAATGAGTTTATTAATGAGTTTATTAATGAGTT 1020
QY 1021 TATTCATATTTATGTAAGGCAATATATTTATGCAATATCTATGCAATATCTATGCAATATCT 1080
Db 1021 TATTCATATTTATGTAAGGCAATATATTTATGCAATATCTATGCAATATCTATGCAATATCT 1080
QY 1081 TTAGGCTTTTAAACACATGATGATATCATAAAAAA 1119
Db 1081 TTAGGCTTTTAAACACATGATGATATCATAAAAAA 1119

RESULT 2

US-09-419-568F-7
; Sequence 7, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; FILE OF INVENTION: (Tifs) the Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 7
; LENGTH: 1119
; TYPE: DNA

; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-7

Query Match 100.0%; Score 1119; DB 4; Length 1119;
Best Local Similarity 100.0%; Pred. No. 2.4e-273;
Matches 1119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAAACAGGCT 60
Db 1 TAAACAGGCT 60
QY 61 CTGCAAGAAATCTATGAGTTTTCCTTTATGGGAACTTTGGCCGCCAGCTGCTGCTCTCTCTCT 120
Db 61 CTGCAAGAAATCTATGAGTTTTCCTTTATGGGAACTTTGGCCGCCAGCTGCTGCTCTCTCTCT 120
QY 121 ATTGCCCTGTGGCCAGGAGGCAATGGCTGCGCTCAACACCCGGTCAAGGTTTCTGAG 180
Db 121 ATTGCCCTGTGGCCAGGAGGCAATGGCTGCGCTCAACACCCGGTCAAGGTTTCTGAG 180
QY 181 GTGTCCAACTTCCAGCAGCGCTACATCGTCAACCCGACCTTTATGCTGGCCAAAGAGGCC 240
Db 181 GTGTCCAACTTCCAGCAGCGCTACATCGTCAACCCGACCTTTATGCTGGCCAAAGAGGCC 240
QY 241 AGCTTGCAGATTAACACACAGACGCTCCGGCTCATCGGGGAGAACTGTCGAGAGGTC 300
Db 241 AGCTTGCAGATTAACACACAGACGCTCCGGCTCATCGGGGAGAACTGTCGAGAGGTC 300
QY 301 AGTGTAAAGATCAGTCTACCTGATGAAGAGGCTGCTCAACTTCACTGCGCAAGAGGCTT 360
Db 301 AGTGTAAAGATCAGTCTACCTGATGAAGAGGCTGCTCAACTTCACTGCGCAAGAGGCTT 360
QY 361 CTGCTCCCGCAGTCAGACAGGTTCCAGCCCTCATCTGAGAGGCTGCTGCTGCTGCTGCTGCT 420
Db 361 CTGCTCCCGCAGTCAGACAGGTTCCAGCCCTCATCTGAGAGGCTGCTGCTGCTGCTGCTGCT 420
QY 421 AAATCAGCAATCAGCTCAGCTCCTGTGTCATCATCAGCGGTGACGACCAAGAACATCCAGAA 480
Db 421 AAATCAGCAATCAGCTCAGCTCCTGTGTCATCATCAGCGGTGACGACCAAGAACATCCAGAA 480
QY 481 AATGTCAAGAGGCTGAAGGAGACAGTGAAGAGCTTGAAGAGAGTGAAGAGAGTGAAGAGG 540
Db 481 AATGTCAAGAGGCTGAAGGAGACAGTGAAGAGCTTGAAGAGAGTGAAGAGAGTGAAGAGG 540
QY 541 ATTGGGAACCTGACCT 600
Db 541 ATTGGGAACCTGACCT 600
QY 601 AGCTAGAAAACGAAGACCTGCT 660
Db 601 AGCTAGAAAACGAAGACCTGCT 660
QY 661 TGGACTTTTACTAAAGAAAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAG 720
Db 661 TGGACTTTTACTAAAGAAAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAG 720
QY 721 ATGAAACCTGGCTCAGTTTGAAGAAAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAG 780
Db 721 ATGAAACCTGGCTCAGTTTGAAGAAAGTGAAGAGTGAAGAGTGAAGAGTGAAGAGTGAAG 780
QY 781 GACTTGATAACCAAGAAATCATTGACAAATATTTATGTCATGATGATGATGATGATGATGAT 840
Db 781 GACTTGATAACCAAGAAATCATTGACAAATATTTATGTCATGATGATGATGATGATGATGAT 840
QY 841 AAATAATGACTTTTAAAGAAATGTTTGAAGAGGTTACCTCTCATTCCTTTTGAAGAAAA 900
Db 841 AAATAATGACTTTTAAAGAAATGTTTGAAGAGGTTACCTCTCATTCCTTTTGAAGAAAA 900
QY 901 AGCTTATGTAATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTC 960
Db 901 AGCTTATGTAATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTC 960
QY 961 GTATACATTTTATTTATGTCAGTTTATTAATGAGTTTATTAATGAGTTTATTAATGAGTT 1020

Db 961 GTATACATTTATTTATGTCAGTTTATTAATATGGAATTTATTTATGAAAACATTTATCTGC 1020
Qy 1021 TATTGATATTTAGTATAAGGCAATAATATTTATGACAAATAACTATGGAACAAGATATC 1080
Db 1021 TATTGATATTTAGTATAAGGCAATAATATTTATGACAAATAACTATGGAACAAGATATC 1080
Qy 1081 TTAGGCTTTAATAACACATGATATATCAAAAAA 1119
Db 1081 TTAGGCTTTAATAACACATGATATATCAAAAAA 1119

RESULT 3
US-09-354-243B-7
; Sequence 7, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIPS)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; PRIOR FILING DATE: 1999-07-16
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 7
; LENGTH: 1119
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-354-243B-7

Query Match 100.0%; Score 1119; DB 4; Length 1119;
Best Local Similarity 100.0%; Pred. No. 2.4e-273;
Matches 1119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAAACAGGCTCTCTCTCACTTATCAACTGTTGACACACTTGTGCGATCTCTGATGGCTGTC 60
Db 1 TAAACAGGCTCTCTCTCACTTATCAACTGTTGACACTTGTGCGATCTCTGATGGCTGTC 60

Qy 61 CTGAGAAATCTATAGTATTTTCCCTATGAGGAGCTTTGGCCGCGAGCTGCTTCTC 120
Db 61 CTGAGAAATCTATAGTATTTTCCCTATGAGGAGCTTTGGCCGCGAGCTGCTTCTC 120

Qy 121 ATTGCCCTGTGGCCAGGAGGCAATGCGCTGCCCTCAACACCCGCTGCAAGCTTGAG 180
Db 121 ATTGCCCTGTGGCCAGGAGGCAATGCGCTGCCCTCAACACCCGCTGCAAGCTTGAG 180

Qy 181 GTGTCCAACTTCCAGCAGCCGTACATCGTCAACCGCACCTTTATGCTGGCCAAAGAGGCC 240
Db 181 GTGTCCAACTTCCAGCAGCCGTACATCGTCAACCGCACCTTTATGCTGGCCAAAGAGGCC 240

Qy 241 AGCCTTGAGATACACACAGAGCTCGGCTCATCGGGAGAACTGTTCCGAGAGTC 300
Db 241 AGCCTTGAGATACACACAGAGCTCGGCTCATCGGGAGAACTGTTCCGAGAGTC 300

Qy 301 AGTGTAAAGATCAGTGTCTACCTGATGAGCAGGTGCTCAACTTCAACCTGGAGAGCTT 360
Db 301 AGTGTAAAGATCAGTGTCTACCTGATGAGCAGGTGCTCAACTTCAACCTGGAGAGCTT 360

Qy 361 CTGCTCCCCAGTCAGAGAGCTTCCAGCCCTACATGACGAGGAGTGTACCTTCTCAGCC 420
Db 361 CTGCTCCCCAGTCAGAGAGCTTCCAGCCCTACATGACGAGGAGTGTACCTTCTCAGCC 420

Qy 421 AAACCTCAGCAATCAGCTCAGTCTCTGTGTCACATCAGCGGTGACGACCAAGATCCAGAG 480
Db 421 AAACCTCAGCAATCAGCTCAGTCTCTGTGTCACATCAGCGGTGACGACCAAGATCCAGAG 480

Qy 481 AATGTGAGAGGCTGAGAGACAGTGAAGAGCTTTGAGAGAGTGGAGAGATCAAGGCG 540

Db 481 AATGTGAGAGGCTGAGAGACAGTGAAGAGCTTTGGAGAGATGGAGAGATCAAGGCG 540
Qy 541 ATTGGGGAATGGAACCTGCTGTTATGCTCTCGAGAAATGCTTGGCTGAGCGAGAAGA 600
Db 541 ATTGGGGAATGGAACCTGCTGTTATGCTCTCGAGAAATGCTTGGCTGAGCGAGAAGA 600
Qy 601 AGCTAGAAAACGAAAGAACTGCTTCCCTGCTTCTTAAAGAAACAAATAGATCCCTGAA 660
Db 601 AGCTAGAAAACGAAAGAACTGCTTCCCTGCTTCTTAAAGAAACAAATAGATCCCTGAA 660
Qy 661 TGGACTTTTTTACTAAAGGAAAGTGAAGCTTAAAGCTTCACTCATCTATGAGAGATTTCAC 720
Db 661 TGGACTTTTTTACTAAAGGAAAGTGAAGCTTAAAGCTTCACTCATCTATGAGAGATTTCAC 720
Qy 721 ATGAACCTGCTCAGTTGAAAAGAAATAGTGTCAAGTTGTCCATGAGACAGAGGTA 780
Db 721 ATGAACCTGCTCAGTTGAAAAGAAATAGTGTCAAGTTGTCCATGAGACAGAGGTA 780
Qy 781 GACTTGATAACCAAGATTTCAATGACATATTTTATGCTCACTGATGATACACAGAA 840
Db 781 GACTTGATAACCAAGATTTCAATGACATATTTTATGCTCACTGATGATACACAGAA 840
Qy 841 AATAATGTAATTTTAAAGAAATTTGTTGAAAGAGGTTACCTCTCATTTCTTTAGAAAAA 900
Db 841 AATAATGTAATTTTAAAGAAATTTGTTGAAAGAGGTTACCTCTCATTTCTTTAGAAAAA 900
Qy 901 AGCTTATGTAACCTTCACTTCCATATCCATATTTTATATATGTAAGTTTATTTATATAA 960
Db 901 AGCTTATGTAACCTTCACTTCCATATCCATATTTTATATATGTAAGTTTATTTATATAA 960
Qy 961 GTATACATTTTATTTATGTCAGTTTATTAATATGGAATTTATTTATGAAAACATTTCTC 1020
Db 961 GTATACATTTTATTTATGTCAGTTTATTAATATGGAATTTATTTATGAAAACATTTCTC 1020
Qy 1021 TATTGATATTTAGTATAAGGCAATAATATTTATGACAAATAACTATGGAACAAGATATC 1080
Db 1021 TATTGATATTTAGTATAAGGCAATAATATTTATGACAAATAACTATGGAACAAGATATC 1080
Qy 1081 TTAGGCTTTAATAACACATGATATCAAAAAA 1119
Db 1081 TTAGGCTTTAATAACACATGATATCAAAAAA 1119

RESULT 4
US-09-178-973B-9
; Sequence 9, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIPS)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 9
; LENGTH: 1111
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-9

Query Match 93.6%; Score 1047.8; DB 3; Length 1111;
Best Local Similarity 97.0%; Pred. No. 2.4e-255;
Matches 1078; Conservative 0; Mismatches 32; Indels 1; Gaps 1;

Qy 3 AACAGGCTCTCTCTCAGTATCACTTATCAACTGTTGACACTTGTGCGATCTCTGATGCGTGTCT 62
Db 1 AACAGGCTCTCTCTCAGTATCACTTATCAACTTGTGCGATCTCTGATGCGTGTCTCT 60

QY 63 GCAGAAATCTATGAGTTTTCCTTATGGGACCTTTGGCCGCGCAGCTGCCTGCTTCTCAT 122
Db |||
QY 61 GCAGAAATCTATGAGTTTTCCTTATGGGACCTTTGGCCGCGCAGCTGCCTGCTTCTCAT 120
Db |||
QY 123 TGCCTCTGTGGGCCCGAGGAGCAAAATGCGCTGCGCTCAACACCCGGTGCAAGCTTGAGGT 182
Db |||
QY 121 TGCCTCTGTGGGCCCGAGGAGCAAAATGCGCTGCGCTCAACACCCGGTGCAAGCTTGAGGT 180
Db |||
QY 183 GTCCAACTTCCAGGAGCGGTACATCGTCAAGCGACCTTTATGCTGCCAAGAGGCCAG 242
Db |||
QY 181 GTCCAACTTCCAGGAGCGGTACATCGTCAAGCGACCTTTATGCTGCCAAGAGGCCAG 240
Db |||
QY 243 CTTGCGAGATAAACAACAGAGCTGCGCTCATCGGGAGAAATGTTCCGAGAGTCAG 302
Db |||
QY 241 CTTGCGAGATAAACAACAGAGCTGCGCTCATCGGGAGAAATGTTCCGAGAGTCAG 300
Db |||
QY 303 TGTAAAGATCAGTGTCTACTCAATCAAGCAGGTGCTCACTTCAACCTGCGAAGCTTCT 362
Db |||
QY 301 TGTAAAGATCAGTGTCTACTCAATCAAGCAGGTGCTCACTTCAACCTGCGAAGCTTCT 360
Db |||
QY 363 GTTCCCGCAGTCAGACAGGTTCCAGCCCTACATGCGAGGTGTAACCTTCCAGCCAA 422
Db |||
QY 361 GTTCCCGCAGTCAGACAGGTTCCAGCCCTACATGCGAGGTGTAACCTTCCAGCCAA 420
Db |||
QY 423 ACTCAGCAATCAGCTCAGTCTCTGTCAATCAGCGGTGACACAGAACATCCAGAGAA 482
Db |||
QY 421 ACTCAGCAATCAGCTCAGTCTCTGTCAATCAGCGGTGACACAGAACATCCAGAGAA 480
Db |||
QY 483 TGTCAAGAGCTGAGGAGACAGTGAAGAAAGCTTGGAGAGAGTGGAGAGATCAAGGCGAT 542
Db |||
QY 481 TGTCAAGAGCTGAGGAGACAGTGAAGAAAGCTTGGAGAGAGTGGAGAGATCAAGGCGAT 540
Db |||
QY 543 TGGGAACTGGACCTGCTCTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAGAGAAAG 602
Db |||
QY 541 CGGGAACTGGACCTGCTCTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAGAGAAAG 600
Db |||
QY 603 CTAGAAAGCGAGAACTGCTCTGCTCTCTTCTTAAAGAGAACTTAAAGATTCCTGATG 662
Db |||
QY 601 CTAGAAAGCGAGAACTGCTCTGCTCTCTTCTTAAAGAGAACTTAAAGATTCCTGATG 660
Db |||
QY 663 GACTTTTACTAAAGGAAAGTGAAGCTCACTCATCATCATTTAGAGATTTCCACAT 722
Db |||
QY 661 GACTTTTACTAAAGGAAAGTGAAGCTCACTCATCATCATTTAGAGATTTCCACAT 720
Db |||
QY 723 GAACCTGCTCAGTTGAAAGAGAAATAGTGTCAAGTGTCCATGAGCCAGAGGTGA 782
Db |||
QY 721 GAACCTGCTCAGTTGAAAGAGAAATAGTGTCAAGTGTCCATGAGCCAGAGGTGA 780
Db |||
QY 783 CTTGATAACAACAAGATTCATTGACAATAATTTATTTGTCATCTGATGATACACAGAAA 842
Db |||
QY 781 CTTGATAACAACAAGATTCATTGACAATAATTTATTTGTCATCTGATGATACACAGAAA 840
Db |||
QY 843 ATATGCTACTTTAAAGAAATGTTTGAAGAGGTTTACCTCTCATCTCTTTAGAGAAAAG 902
Db |||
QY 841 AGTATGCTACTTTAAAGAAATGTTTGAAGAGGTTTACCTCTCATCTCTTTAGAGAAAAG 900
Db |||
QY 903 CTTATGTAATCTTATTCATATCCAAATATTTATATATATATATATATATATATATATAT 962
Db |||
QY 901 CTTATGTAATCTTATTCATATCCAAATATTTATATATATATATATATATATATATATAT 960
Db |||
QY 963 ATACATTTTATTTATGTCAGTTTATTTATATGGAATTTATTTATAGAAATTTATCTGCTA 1022
Db |||
QY 961 ATACATTTTATTTATGTCAGTTTATTTATATGGAATTTATTTATAGAAATTTATCTGATG 1020
Db |||
QY 1023 TTGATATTTT-AGTATAGGCAATATATATTTATGCAATATATATGAAACAGATATCT 1081
Db |||
QY 1021 TTGATATTTT-AGTATAGGCAATATATATTTATGATATATATATGAAACAGATATCT 1080
Db |||
QY 1082 TAGGCTTTTAAACACATGGATATCATAAA 1112
Db |||
QY 1081 TAGGCTTTTAAACACATGGATATCATAAA 1111
Db |||

RESULT 5
US-09-419-568F-9
; Sequence 9, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TIFF) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 9
; LENGTH: 1111
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-9

Query Match 93.6%; Score 1047.8; DB 4; Length 1111;
Best Local Similarity 97.0%; Pred. No. 2.4e-255;
Matches 1076; Conservative 0; Mismatches 32; Indels 1; Gaps 1;

QY 3 AACAGGCTCTCTCTCTCACTTATCAACTGTGTGACATCTGTGGATCTCTGATGGCTGTCT 62
Db |||
QY 1 AACAGGCTCTCTCTCTCACTTATCAACTGTGTGACATCTGTGGATCTCTGATGGCTGTCT 60
Db |||
QY 63 GCAGAAATCTATGAGTTTTCCTTATGGGACCTTTGGCCGCGCAGCTGCCTGCTTCTCAT 122
Db |||
QY 61 GCAGAAATCTATGAGTTTTCCTTATGGGACCTTTGGCCGCGCAGCTGCCTGCTTCTCAT 120
Db |||
QY 123 TGCCTCTGTGGGCCCGAGGAGCAAAATGCGCTGCGCTCAACACCCGGTGCAAGCTTGAGGT 182
Db |||
QY 121 TGCCTCTGTGGGCCCGAGGAGCAAAATGCGCTGCGCTCAACACCCGGTGCAAGCTTGAGGT 180
Db |||
QY 183 GTCCAACTTCCAGCAGCCGTACATCGTCAACCGCACCTTTATGCTGCCAAGAGGCCAG 242
Db |||
QY 181 GTCCAACTTCCAGCAGCCGTACATCGTCAACCGCACCTTTATGCTGCCAAGAGGCCAG 240
Db |||
QY 243 CTTGCGAGATAAACAACAGAGCTGCGCTCATCGGGAGAAATGTTCCGAGAGTCAG 302
Db |||
QY 241 CTTGCGAGATAAACAACAGAGCTGCGCTCATCGGGAGAAATGTTCCGAGAGTCAG 300
Db |||
QY 303 TGTAAAGATCAGTGTCTACTCAATGAGCAGGTGCTCACTTCAACCTGCGAAGCTTCT 362
Db |||
QY 301 TGTAAAGATCAGTGTCTACTCAATGAGCAGGTGCTCACTTCAACCTGCGAAGCTTCT 360
Db |||
QY 363 GTTCCCGCAGTCAGACAGGTTCCAGCCCTACATGCGAGGTGTAACCTTCCAGCCAA 422
Db |||
QY 361 GTTCCCGCAGTCAGACAGGTTCCAGCCCTACATGCGAGGTGTAACCTTCCAGCCAA 420
Db |||
QY 423 ACTCAGCAATCAGCTCAGTCTCTGTCAATCAGCGGTGACACAGAACATCCAGAGAA 482
Db |||
QY 421 ACTCAGCAATCAGCTCAGTCTCTGTCAATCAGCGGTGACACAGAACATCCAGAGAA 480
Db |||
QY 483 TGTCAAGAGCTGAGGAGACAGTGAAGAAAGCTTGGAGAGAGTGGAGAGATCAAGGCGAT 542
Db |||
QY 481 TGTCAAGAGCTGAGGAGACAGTGAAGAAAGCTTGGAGAGAGTGGAGAGATCAAGGCGAT 540
Db |||
QY 543 TGGGAACTGGACCTGCTCTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAGAGAAAG 602
Db |||
QY 541 CGGGAACTGGACCTGCTCTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAGAGAAAG 600
Db |||
QY 603 CTAGAAAGCGAGAACTGCTCTGCTCTCTTCTTAAAGAGAACTTAAAGATTCCTGATG 662
Db |||
QY 601 CTAGAAAGCGAGAACTGCTCTGCTCTCTTCTTAAAGAGAACTTAAAGATTCCTGATG 660
Db |||

663 GACCTTTTCTAAGAGAAAGTGAGAGCTAACCTCCATCATCATTAAGAGATTTCACAT 722
Db
661 GACCTTTTCTAAGAGAAAGTGAGAGCTAACCTCCATCATCATTAAGAGATTTCACAT 720
Qy 723 GAAACCTGGCTCAGTTGAAAGAAAGAAATAGTGTCAAGTTGTCCTGAGACAGAGGTAGA 782
Db 721 GAAACCTGGCTCAGTTGAAAGAAAGAAATAGTGTCAAGTTGTCCTGAGACAGAGGTAGA 780
Qy 783 CTTGATAACCAACCAAGAGATTCAATGACAATATTTTATTTGTCAGTCACTGATGATACAAACAGAAAA 842
Db 781 CTTGATAACCAACCAAGAGATTCAATGACAATATTTTATTTGTCAGTCACTGATGATACAAACAGAAAA 840
Qy 843 ATATGTTACTTTAAAGAAATTTGTAAGAGAGGTACCTCTCATCTCTTTTAAAGAAAG 902
Db 841 AGTATGTTACTTTAAAGAAATTTGTAAGAGAGGTACCTCTCATCTCTTTTAAAGAAAG 900
Qy 903 CTTATGTTACTTTCAATTCATATCAATATTTTATATATGTAAGTTTATTTATTAAGT 962
Db 901 CTTATGTTACTTTCAATTCATATCAATATTTTATATATGTAAGTTTATTTATTAAGT 960
Qy 963 ATACATTTTATTTATGTCAGTTTATTAATATGTAAGTTTATTTATTAAGTATCT 1022
Db 961 ATACATTTTATTTATGTCAGTTTATTAATATGTAAGTTTATTTATTAAGTATCT 1020
Qy 1023 TTGATATTT-AGTATAGCAAAATATATTTATGCAATAACTATGGAACCAAGATATCT 1081
Db 1021 TTGATATTTGATATAGCAAAATATATTTATGCAATAACTATGGAACCAAGATATCT 1080
Qy 1082 TAGGCTTTAATAACACATGATATCAATAA 1112
Db 1081 TAGGCTTTAATAACACATGATATCAATAA 1111

RESULT 6

US-09-354-243B-9
; Sequence 9, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (Tifs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 9
; LENGTH: 1111
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-354-243B-9

Query Match 93.6%; Score 1047.8; DB 4; Length 1111;
Best Local Similarity 97.0%; Pred. No. 2.4e-255;
Matches 1078; Conservative 0; Mismatches 32; Indels 1; Gaps 1;
Qy 3 AACAGGCTCTCTCTCACTTATCACTGTTGACACTTGTGCGATCTCTGATGCTGCT 62
Db 1 AACAGGCTCTCTCTCACTTATCACTGTTGACACTTGTGCGATCTCTGATGCTGCT 60
Qy 63 GCAGAAATCTATGAGTTTTCCTTTATGCGGACTTTGCGCCGCAAGCTGCTGCTTCAT 122
Db 61 GCAGAAATCTATGAGTTTTCCTTTATGCGGACTTTGCGCCGCAAGCTGCTGCTTCAT 120
Qy 123 TGCCCTGTGGCCCAAGAGGCAATGCGCTGCCGCTCAACACCCGGTGCAAGCTTAGGT 182
Db 121 TGCCCTGTGGCCCAAGAGGCAATGCGCTGCCGCTCAACACCCGGTGCAAGCTTAGGT 180

RESULT 7

US-09-178-973B-8
; Sequence 8, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Renauld, Jean-Christophe

183 GTCCAACTTCCAGCAGCGGTACATCGTCAACCGCACCTTTATGCTGGCCAAAGAGGCCAG 242
Db 181 GTCCAACTTCCAGCAGCGGTACATCGTCAACCGCACCTTTATGCTGGCCAAAGAGGCCAG 240
Qy 243 CTTTGAGATATAACACACAGAGCTCCGGCTCATCGGGGAGAAACTGTTCCGAGGAGTCAG 302
Db 241 CTTTGAGATATAACACACAGAGCTCCGGCTCATCGGGGAGAAACTGTTCCGAGGAGTCAG 300
Qy 303 TGTAAAGATCAGTGTCTGATGAGCAGGTCTCACTTCACTTCACTTCACTTCACTTCACTTCT 362
Db 301 TGTAAAGATCAGTGTCTGATGAGCAGGTCTCACTTCACTTCACTTCACTTCACTTCACTTCT 360
Qy 363 GCTCCCCCAGTCAGACAGAGTTCAGGCCCTTACATGACAGGAGGTGGTCCCTTCTGACCAA 422
Db 361 GCTCCCCCAGTCAGACAGGTTCAGGCCCTTACATGACAGGAGGTGGTCCCTTCTGACCAA 420
Qy 423 ACTCAGCAATCAGCTCAGCTCCTGTCATCAGCAGGTGACGACCAAGAAATCCAGAGAA 482
Db 421 ACTCAGCAATCAGCTCAGCTCCTGTCATCAGTGTGACGACCAAGAAATCCAGAGAA 480
Qy 483 TGTCAAGAGCTCAAGAGAGACAGTGAAGAGCTTTGAGAGAGTGGAGAGATCAAGCGAT 542
Db 481 TGTCAAGAGCTCAAGAGAGACAGTGAAGAGCTTTGAGAGAGTGGAGAGATCAAGCGAT 540
Qy 543 TGGGAACTGGAAGCTGCTGTTTATGCTCTGAGAAATGCTTGGCTCTGAGCAGAGAGAG 602
Db 541 CGGGAACTGGAAGCTGCTGTTTATGCTCTGAGAAATGCTTGGCTCTGAGCAGAGAGAG 600
Qy 603 CTAGAAACGAGAACTGCTCTTCTGAGAAATGCTTGAAGAAACAAATAAGATCCCTGAATG 662
Db 601 CTAGAAACGAGAACTGCTCTTCTGAGAAATGCTTGAAGAAACAAATAAGATCCCTGAATG 660
Qy 663 GACTTTTACTAAAGAGAGTGAAGAGCTAAAGTCTCATCATCATTTAGAGAGATTCACAT 722
Db 661 GACTTTTACTAAAGAGAGTGAAGAGCTAAAGTCTCATCATCATTTAGAGAGATTCACAT 720
Qy 723 GAAACCTGGCTCAGTTGAAAGAGAAATAGTGTCAAGTTCTCATGAGACAGAGGTAGA 782
Db 721 GAAACCTGGCTCAGTTGAAAGAGAAATAGTGTCAAGTTCTCATGAGACAGAGGTAGA 780
Qy 783 CTTGATAACCAACCAAGAGTTCAATGACAATATTTTATGTCAGTCACTGATGATCAACAGAAAA 842
Db 781 CTTGATAACCAACCAAGAGTTCAATGACAATATTTTATGTCATTTGATAATCAACAGAAAA 840
Qy 843 ATATGTTACTTTAAAGAAATTTGTAAGAGAGGTACCTCTCATCTCTTTTAAAGAAAG 902
Db 841 AGTATGTTACTTTAAAGAAATTTGTAAGAGAGGTACCTCTCATCTCTTAAAGAAAG 900
Qy 903 CTTATGTTACTTTCAATTCATATCAATATTTTATATATGTAAGTTTATTTATTAAGT 962
Db 901 CTTATGTTACTTTCAATTCATATCAATATTTTATATATGTAAGTTTATTTATTAAGT 960
Qy 963 ATACATTTTATTTATGTCAGTTTATTAATATGTAAGTTTATTTATTAAGTATCT 1022
Db 961 ATACATTTTATTTATGTCAGTTTATTAATATGTAAGTTTATTTATTAAGTATCT 1020
Qy 1023 TTGATATTT-AGTATAGCAAAATATATTTATGCAATAACTATGGAACCAAGATATCT 1081
Db 1021 TTGATATTTGATATAGCAAAATATATTTATGCAATAACTATGGAACCAAGATATCT 1080
Qy 1082 TAGGCTTTAATAACACATGATATCAATAA 1112
Db 1081 TAGGCTTTAATAACACATGATATCAATAA 1111

; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs)
; FILE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-178-973B-8

Query Match 53.7%; Score 601.4; DB 3; Length 7445;
Best Local Similarity 99.8%; Pred. No. 3.4e-142;
Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 510 AAAGCTTGAGAGAGTGGAGAGATCAAGCGCAATTTGGGGAACCTGACCTGCTGTTATGTC 569
DB 6535 ATAGCTTGAGAGAGTGGAGAGATCAAGCGCAATTTGGGGAACCTGACCTGCTGTTATGTC 6594
QY 570 TCTGAGAAATGCTTCGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAAGAACTGCTTCCTTCT 629
DB 6595 TCTGAGAAATGCTTCGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAAGAACTGCTTCCTTCT 6654
QY 630 GCCTTCTAAAAGAAACAATAGATCCCTGATGCACTTTTACTAAAGAAAGTGAAG 689
DB 6655 GCCTTCTAAAAGAAACAATAGATCCCTGATGCACTTTTACTAAAGAAAGTGAAG 6714
QY 690 GCTAACGCTCCATCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAGAAAA 749
DB 6715 GCTAACGCTCCATCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAGAAAA 6774
QY 750 TAGTGTCAAGTTGCTCCATGACGACGAGGTAGCTTGTATACCAACAAAGATTCATTGCA 809
DB 6775 TAGTGTCAAGTTGCTCCATGACGACGAGGTAGCTTGTATACCAACAAAGATTCATTGCA 6834
QY 810 ATATTTTATGTCACCTGATGATACACAGAAAAAATAATGTACTTTAAAAAATTTGTTGAA 869
DB 6835 ATATTTTATGTCACCTGATGATACACAGAAAAAATAATGTACTTTAAAAAATTTGTTGAA 6894
QY 870 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACCTCATTTCCTATATCCAA 929
DB 6895 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACCTCATTTCCTATATCCAA 6954
QY 930 TATTTTATATATGTAAGTTTATTTATATAAGTATACATTTTATGTCAGTTTATTA 989
DB 6955 TATTTTATATATGTAAGTTTATTTATATAAGTATACATTTTATGTCAGTTTATTA 7014
QY 990 ATATGATTTTATATAGAAACATTTATCTGCTATTGATATTTAGTATAAGGCAATAATA 1049
DB 7015 ATATGATTTTATATAGAAACATTTATCTGCTATTGATATTTAGTATAAGGCAATAATA 7074
QY 1050 TTTATGACAAATACTATGGAACAAAGATATCTTAGGCTTTTAAATAACACATGATATCAT 1109
DB 7075 TTTATGACAAATACTATGGAACAAAGATATCTTAGGCTTTTAAATAACACATGATATCAT 7134
QY 1110 AAA 1112
DB 7135 AAA 7137

RESULT 8
US-09-419-568F-8
; Sequence 8, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2

; CURRENT APPLICATION NUMBER: US/09/419,568F
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; US-09-419-568F-8

Query Match 53.7%; Score 601.4; DB 4; Length 7445;
Best Local Similarity 99.8%; Pred. No. 3.4e-142;
Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 510 AAAGCTTGAGAGAGTGGAGAGATCAAGCGCAATTTGGGGAACCTGACCTGCTGTTATGTC 569
DB 6535 ATAGCTTGAGAGAGTGGAGAGATCAAGCGCAATTTGGGGAACCTGACCTGCTGTTATGTC 6594
QY 570 TCTGAGAAATGCTTCGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAAGAACTGCTTCCTTCT 629
DB 6595 TCTGAGAAATGCTTCGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAAGAACTGCTTCCTTCT 6654
QY 630 GCCTTCTAAAAGAAACAATAGATCCCTGATGCACTTTTACTAAAGAAAGTGAAG 689
DB 6655 GCCTTCTAAAAGAAACAATAGATCCCTGATGCACTTTTACTAAAGAAAGTGAAG 6714
QY 690 GCTAACGCTCCATCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAGAAAA 749
DB 6715 GCTAACGCTCCATCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAGAAAA 6774
QY 750 TAGTGTCAAGTTGCTCCATGACGACGAGGTAGCTTGTATACCAACAAAGATTCATTGCA 809
DB 6775 TAGTGTCAAGTTGCTCCATGACGACGAGGTAGCTTGTATACCAACAAAGATTCATTGCA 6834
QY 810 ATATTTTATGTCACCTGATGATACACAGAAAAAATAATGTACTTTAAAAAATTTGTTGAA 869
DB 6835 ATATTTTATGTCACCTGATGATACACAGAAAAAATAATGTACTTTAAAAAATTTGTTGAA 6894
QY 870 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACCTCATTTCCTATATCCAA 929
DB 6895 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACCTCATTTCCTATATCCAA 6954
QY 930 TATTTTATATATGTAAGTTTATTTATATAAGTATACATTTTATGTCAGTTTATTA 989
DB 6955 TATTTTATATATGTAAGTTTATTTATATAAGTATACATTTTATGTCAGTTTATTA 7014
QY 990 ATATGATTTTATATAGAAACATTTATCTGCTATTGATATTTAGTATAAGGCAATAATA 1049
DB 7015 ATATGATTTTATATAGAAACATTTATCTGCTATTGATATTTAGTATAAGGCAATAATA 7074
QY 1050 TTTATGACAAATACTATGGAACAAAGATATCTTAGGCTTTTAAATAACACATGATATCAT 1109
DB 7075 TTTATGACAAATACTATGGAACAAAGATATCTTAGGCTTTTAAATAACACATGATATCAT 7134
QY 1110 AAA 1112
DB 7135 AAA 7137

RESULT 9
US-09-354-243B-8
; Sequence 8, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible F
; TITLE OF INVENTION: (Tifs)
; FILE OF INVENTION: (Tifs)

; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof

; FILE REFERENCE: LUD 5543.1

; CURRENT APPLICATION NUMBER: US/09/354,243B

; PRIOR FILING DATE: 1999-07-16

; PRIOR APPLICATION NUMBER: US09/178,973

; PRIOR FILING DATE: 1998-10-26

; NUMBER OF SEQ ID NOS: 29

; SEQ ID NO 8

; LENGTH: 7445

; TYPE: DNA

; ORGANISM: Mus musculus

; FEATURE:

US-09-354-243B-8

Query Match 53.7%; Score 601.4; DB 4; Length 7445;

Best Local Similarity 99.8%; Pred. No. 3.4e-142;

Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 AAGCTTGGAGAGAGTGGAGAGATCAAGCGATGTTGGGAACTGGAGCTGCTGTTATGTC 569

DB 6935 ATAGCTTGGAGAGAGTGGAGAGATCAAGCGATGTTGGGAACTGGAGCTGCTGTTATGTC 6594

QY 570 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAACTAGAAAACGAGAACTGCTCTCTCT 629

DB 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAACTAGAAAACGAGAACTGCTCTCTCT 6654

QY 630 GCCTTCTAAAAGAACATTAAGATCCCTGATGAGCTTTTACTAAAGGAAAGTGAGAA 689

DB 6555 GCCTTCTAAAAGAACATTAAGATCCCTGATGAGCTTTTACTAAAGGAAAGTGAGAA 6714

QY 690 GCTAACGTCATCATCATTTAGAAAGATTTCATGAAACCTGGCTCAGTTGAAAAGAAAA 749

DB 6715 GCTAACGTCATCATCATTTAGAAAGATTTCATGAAACCTGGCTCAGTTGAAAAGAAAA 6774

QY 750 TAGTGTCAGAGTGTCCATGAGACGAGAGTAGACTTGATAACCAACAGATTCATTGACA 809

DB 6775 TAGTGTCAGAGTGTCCATGAGACGAGAGTAGACTTGATAACCAACAGATTCATTGACA 6834

QY 810 ATATTTATGTCATCATCATTTAGAAAATAATGATCTTTAAAAAATGTTTGA 869

DB 6835 ATATTTATGTCATCATCATTTAGAAAATAATGATCTTTAAAAAATGTTTGA 6894

QY 870 AGGAGGTACCTCTCATCTTTAGAAAATAATGATCTTTAAAAAATGTTTGA 929

DB 6895 AGGAGGTACCTCTCATCTTTAGAAAATAATGATCTTTAAAAAATGTTTGA 6954

QY 930 TATTTATATATGTAAGTTTATTTATATAGTATACATTTTATTTATCTCAGTTTATTA 989

DB 6955 TATTTATATATGTAAGTTTATTTATATAGTATACATTTTATTTATCTCAGTTTATTA 7014

QY 990 ATATGGATTTTATATAGAACATTTATCTGCTATTTGATATTTAGTATAGGCAATAATA 1049

DB 7015 ATATGGATTTTATATAGAACATTTATCTGCTATTTGATATTTAGTATAGGCAATAATA 7074

QY 1050 TTTATGACATTAACATGAGAAACAGATATCTTAGGCTTTTAAATAACATGATATCAT 1109

DB 7075 TTTATGACATTAACATGAGAAACAGATATCTTAGGCTTTTAAATAACATGATATCAT 7134

QY 1110 AAA 1112

DB 7135 AAA 7137

RESULT 10

US-09-178-973B-17

; Sequence 17, Application US/09178973B

; Patent No. 6274710

; GENERAL INFORMATION:

; APPLICANT: Dumoutier, Laure

; APPLICANT: Louhed, Jamila

; APPLICANT: Renaud, Jean-Christophe

; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac

; FILE REFERENCE: LUD 5543.2

; CURRENT APPLICATION NUMBER: US/09/419,568F

; TITLE OF INVENTION: (Tifs)

; CURRENT FILING DATE: 1999-10-18

RESULT 11

US-09-419-568F-29

; Sequence 29, Application US/09419568F

; Patent No. 6331613

; GENERAL INFORMATION:

; APPLICANT: Dumoutier, Laure

; APPLICANT: Louhed, Jamila

; APPLICANT: Renaud, Jean-Christophe

; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac

; FILE REFERENCE: LUD 5543.2

; CURRENT APPLICATION NUMBER: US/09/419,568F

; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof

; CURRENT FILING DATE: 1999-10-18

; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof

; FILE REFERENCE: LUD 5543

; CURRENT APPLICATION NUMBER: US/09/178,973B

; PRIOR FILING DATE: 1998-10-26

; NUMBER OF SEQ ID NOS: 17

; SEQ ID NO 17

; LENGTH: 5935

; TYPE: DNA

; ORGANISM: Mus musculus

US-09-178-973B-17

Query Match 49.6%; Score 555.2; DB 3; Length 5935;

Best Local Similarity 96.0%; Pred. No. 1.4e-130;

Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;

QY 510 AAAGCTTGGAGAGAGTGGAGAGATCAAGCGATGTTGGGAACTGGAGCTGCTGTTATGTC 569

DB 5221 ATAGCTTGGAGAGAGTGGAGAGATCAAGCGATGTTGGGAACTGGAGCTGCTGTTATGTC 5280

QY 570 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTCTCTCT 629

DB 5281 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTCTCTCT 5340

QY 630 GCCTTCTAAAAGAACATTAAGATCCCTGATGAGCTTTTACTAAAGGAAAGTGAGAA 689

DB 5341 GCCTTCTAAAAGAACATTAAGATCCCTGATGAGCTTTTACTAAAGGAAAGTGAGAA 5400

QY 690 GCTAACGTCATCATCATTTAGAGATTTTACATGAAACCTGGCTCAGTTGAAAAGAAAA 749

DB 5401 GCTAACGTCATCATCATTTAGAGATTTTACATGAAACCTGGCTCAGTTGAAAAGAAAA 5460

QY 750 TAGTGTCAGAGTGTCCATGAGACGAGAGTAGACTTGATAACCAACAGATTCATTGACA 809

DB 5461 TAGTGTCAGAGTGTCCATGAGACGAGAGTAGACTTGATAACCAACAGATTCATTGACA 5520

QY 810 ATATTTATGTCACATCATCATTAACACAGAAAATAATGATCTTTAAAAAATGTTTGA 869

DB 5521 ATATTTATGTCACATCATTAACACAGAAAATAATGATCTTTAAAAAATGTTTGA 5580

QY 870 AGGAGGTACCTCTCATCTTTAGAAAATAATGATCTTTAAAAAATGTTTGA 929

DB 5581 AGGAGGTACCTCTCATCTTTAGAAAATAATGATCTTTAAAAAATGTTTGA 5640

QY 930 TATTTATATATGTAAGTTTATTTATATAGTATACATTTTATTTATGTCAGTTTATTA 989

DB 5641 TATTTATATATGTAAGTTTATTTATATAGTATACATTTTATTTATGTCAGTTTATTA 5700

QY 990 ATATGGATTTTATATAGAAAACATTTATCTGCTATTTGATATTTAGTATAGGCAATAAT 1048

DB 5701 ATATGGATTTTATATAGAAAACATTTATCTGATGTTGATATTTAGTATAGGCAATAAT 5760

QY 1049 ATTTATGACATTAACATGAGAAACAGATATCTTAGGCTTTTAAATAACACATGGATATCA 1108

DB 5761 ATTTATGATATTAACATGAGAAACAGATATCTTAGGCTTTTAAATAACACATGGATATCA 5820

QY 1109 TAAA 1112

DB 5821 TAAA 5824

; PRIOR APPLICATION NUMBER: US09/354,243
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 29
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-29

Query Match 49.6%; Score 555.2; DB 4; Length 5935;
Best Local Similarity 96.0%; Pred. No. 1.4e-130;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;
QY 510 AAAGCTTCGAGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGACCTGCTGTTATGTC 569
DB 5221 ATAGCTTCGAGAGAGCGGAGAGATCAAGCGATCGGGAACTGGACCTGCTGTTATGTC 5280
QY 570 TCTGAGAAATGCTTCGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTTCCT 629
DB 5281 TCTGAGAAATGCTTCGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTTCCT 5340
QY 630 GCCTTCTAAAAGAACATATAGATCCCTGAATGACATTTTACTAAAGCAAGTGGAA 689
DB 5341 GCCTTCTAAAAGAACATATAGATCCCTGAATGACATTTTACTAAAGCAAGTGGAA 5400
QY 690 GCTAACGCTCATCATCATTTAGAAAGATTTCAATGAAAACCTGGCTCAGTTGAAAAGAAAA 749
DB 5401 GCTAACGCTCCACCATCATTTAGAAAGATTTCAATGAAAACCTGGCTCAGTTGAAAAGAAAA 5460
QY 750 TAGTGTCAAGTTGCTCATGAGACGAGGTAGACTTGTATACCAACCAAGATTCATTGACA 809
DB 5461 TAGTGTCAAGTTGCTCATGAGACGAGGTAGACTTGTATACCAACCAAGATTCATTGACA 5520
QY 810 ATATTTATGTCACCTGATGATACACAGAAAAATATGTAATTTAAAAAATTTGTTGAA 869
DB 5521 ATATTTATGTCACCTGATGATACACAGAAAAATATGTAATTTAAAAAATTTGTTGAA 5580
QY 870 AGAGGTTACCTCTCATTCCTTTAGAAAAAGCTTATGTAATTTCAATTTCCCATATCCAA 929
DB 5581 AGAGGTTACCTCTCATTCCTTTAGAAAAAGCTTATGTAATTTCAATTTCCCATATCCAA 5640
QY 930 TATTTATATATGTAAGTTTATTTATTAAGTATACATTTATTTATGTCAGTTTATTA 989
DB 5641 TACTTTATATATGTAAGTTTATTTATTAAGTATACATTTATTTATGTCAGTTTATTA 5700
QY 990 ATATGGATTTATTTATAGAAACATTTATCTGCTATTGATATTT - AGTATAAGGCAAAATAT 1048
DB 5701 ATATGGATTTATTTATAGAAACATTTATCTGATGTTGATATTTGAGTATAAGCAAAATAT 5760
QY 1049 ATTTATGCAATTAACCTATGGAACAGATATCTTAGGCTTTTAAACACATGGATATCA 1108
DB 5761 ATTTATGATATAACTATAGAAAACAGATATCTTAGGCTTTTAAACACATGGATATCA 5820
QY 1109 TAAA 1112
DB 5821 TAAA 5824

RESULT 12
US-09-354-243B-29
; Sequence 29, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (Title)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1

; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 29
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-354-243B-29

Query Match 49.6%; Score 555.2; DB 4; Length 5935;
Best Local Similarity 96.0%; Pred. No. 1.4e-130;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;
QY 510 AAAGCTTCGAGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGACCTGCTGTTATGTC 569
DB 5221 ATAGCTTCGAGAGAGCGGAGAGATCAAGCGATCGGGAACTGGACCTGCTGTTATGTC 5280
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DB 5281 TCTGAGAAATGCTTCGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTTCCT 5340
QY 630 GCCTTCTAAAAGAACATATAGATCCCTGAATGACATTTTACTAAAGCAAGTGGAA 689
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DB 5461 TAGTGTCAAGTTGCTCATGAGACGAGGTAGACTTGTATACCAACCAAGATTCATTGACA 5520
QY 810 ATATTTATGTCACCTGATGATACACAGAAAAATATGTAATTTAAAAAATTTGTTGAA 869
DB 5521 ATATTTATGTCACCTGATGATACACAGAAAAATATGTAATTTAAAAAATTTGTTGAA 5580
QY 870 AGAGGTTACCTCTCATTCCTTTAGAAAAAGCTTATGTAATTTCAATTTCCCATATCCAA 929
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DB 5641 TACTTTATATATGTAAGTTTATTTATTAAGTATACATTTATTTATGTCAGTTTATTA 5700
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DB 5701 ATATGGATTTATTTATAGAAACATTTATCTGATGTTGATATTTGAGTATAAGCAAAATAT 5760
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DB 5761 ATTTATGATATAACTATAGAAAACAGATATCTTAGGCTTTTAAACACATGGATATCA 5820
QY 1109 TAAA 1112
DB 5821 TAAA 5824

RESULT 13
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; Sequence 1, Application US/09870574
; Patent No. 6551799
; GENERAL INFORMATION:
; APPLICANT: Gurney, Austin L.
; APPLICANT: Aggarwal, Sudeepa
; APPLICANT: Xie, Ming-Hong
; APPLICANT: Maruoka, Ellen M.
; APPLICANT: Foster, Jessica S.
; APPLICANT: Goddard, Audrey
; APPLICANT: Wood, William I.

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309	AGATCAGTGCCTACCTGATGAACAGAGTGCTCAACTTCACCTCGGAAGACGTTCTGCTCCC	368
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369	CCAGTCAGACAGGTTCCAGCCCTCATGACGAGGAGTGGTACCTTTCTGTACCAAACTCAG	428
389	TCAATCTGATAGGTTCCAGCCTTATATGACGAGGTGGTGCCCTTCTGTGCCAGGCTCAG	448
429	CAATCAGCTCAGCTCCTGTCTCATCAGCGGTGACGACCAAGACATCCAGAAAGAAATGTCAG	488
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549	ACTGGACCTGCTGTTTATGTCTCTCAGAAATGCTTTGGCTGTGACGAGAGAAGAGCTAGAA	608
569	ACTGGATTTGCTGTTTATGCTCTCTCAGAAATGCCTGTGCATTTGACGACGACAAAGCTGAAA	628
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RESULT 15
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; Sequence 24, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TTPs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 24
; LENGTH: 690
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; US-09-354-243B-24

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449	DB	CAACAGGCTTAAGCACATGTCTATTGAAAGGTGATGACCTGCTATATCCAGAGGATGTGCA	508
489	QY	AAGCTCAAGGACACAGTCAAAAAGCTTGGAGAGAGTGGAGAGATCAAGCGATTTGGGGA	548
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569	DB	ACTGGAATTTGCTGTTTATGTCTCTGAGAAATGCCATTTGACCGAGGACAAAGCTGAAA	628
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 11, 2004, 00:09:26 ; Search time 2410.31 Seconds
(without alignments)
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Perfect score: 7445
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Gapop 10.0 , Gapext 1.0

Searched: 2449703 seqs, 1841816367 residues

Total number of hits satisfying chosen parameters: 4899406

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Maximum Match 100%
Listing first 45 summaries

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18: /cgn2_6/ptodata/1/pubpna/US09K_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	686	9.2	4797	9	US-09-751-797-25
4	601.4	8.1	1119	9	US-09-751-797-7
5	598.2	8.0	1166	13	US-10-256-977-3
6	598.2	8.0	1166	15	US-10-084-298-3
7	555.2	7.5	1111	9	US-09-751-797-9
8	499	6.7	1050	15	US-10-090-365-40
9	499	6.7	1050	15	US-10-104-919-42
10	272.4	3.7	778	13	US-09-746-375-37
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ALIGNMENTS

RESULT 1

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; Sequence 8, Application US/09751797
; Patent No. US20010024652A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751,797
; CURRENT FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: 09/419,568
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-751-797-8

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Qy	4801	ACAGCAA	ACA	CATTTG	TGTGTG	GCCTCTTT	TGGGGA	AGGGAACAG	GATAG	CAGGAGGCTC	4860
Db	4801	ACAGCAA	ACA	CATTTG	TGTGTG	GCCTCTTT	TGGGGA	AGGGAACAG	GATAG	CAGGAGGCTC	4860
Qy	4861	AGGCTAG	CAAGTCT	GACCTTG	CCCTAA	AGCCAG	AGGATG	TTGATAG	CAGAGAA	AGTGAG	4920
Db	4861	AGGCTAG	CAAGTCT	GACCTTG	CCCTAA	AGCCAG	AGGATG	TTGATAG	CAGAGAA	AGTGAG	4920
Qy	4921	GCTCTTC	GCAAGTGG	TGTGTCT	TAA	GTAA	TCAGAA	CAGAGAG	GCCTGG	TTTGATG	4980
Db	4921	GCTCTTC	GCAAGTGG	TGTGTCT	TAA	GTAA	TCAGAA	CAGAGAG	GCCTGG	TTTGATG	4980
Qy	4981	TATCAGT	TAAGATAT	CACCCCTAT	CTCCCTT	CTATCG	AACTTAA	ATCGTCTCT	TTTTTCTTG	5040	
Db	4981	TATCAGT	TAAGATAT	CACCCCTAT	CTCCCTT	CTATCG	AACTTAA	ATCGTCTCT	TTTTTCTTG	5040	
Qy	5041	TGTGTAG	GCCTGAT	AAACA	CACCTG	TTTTCTTTT	TGAGTGTTC	ATGCGTTT	TGATAGT	TTTTTA	5100
Db	5041	TGTGTAG	GCCTGAT	AAACA	CACCTG	TTTTCTTTT	TGAGTGTTC	ATGCGTTT	TGATAGT	TTTTTA	5100
Qy	5101	GTGCTCT	GC	CAAGTCT	GTG	TAAGAGG	TTTGT	TACCTTG	ACACCTG	GGCTTGG	5160
Db	5101	GTGCTCT	GC	CAAGTCT	GTG	TAAGAGG	TTTGT	TACCTTG	ACACCTG	GGCTTGG	5160
Qy	5161	ATGCC	AAAGG	CACAC	CTTCTG	TAATG	CTGTG	TAAAGG	TTATAT	CTATCTTTG	5220
Db	5161	ATGCC	AAAGG	CACAC	CTTCTG	TAATG	CTGTG	TAAAGG	TTATAT	CTATCTTTG	5220
Qy	5221	TTTGG	AAAGG	CTGA	CGTGTG	TGA	AAAGAACT	CACAGG	AGATGTG	TTCTCTGTAG	5280
Db	5221	TTTGG	AAAGG	CTGA	CGTGTG	TGA	AAAGAACT	CACAGG	AGATGTG	TTCTCTGTAG	5280
Qy	5281	ACTTTTT	TTTTT	CCCCCTT	AAATG	CCCTAT	TAATCC	ACTTTC	AGTCA	CTTTTAT	5340
Db	5281	ACTTTTT	TTTTT	CCCCCTT	AAATG	CCCTAT	TAATCC	ACTTTC	AGTCA	CTTTTAT	5340
Qy	5341	ATGCTCT	CA	CATGA	AGAGTGT	TTTAG	GGCCGCTCT	CATGG	CTCTG	GGAAAG	5400
Db	5341	ATGCTCT	CA	CATGA	AGAGTGT	TTTAG	GGCCGCTCT	CATGG	CTCTG	GGAAAG	5400
Qy	5401	GGGGA	AGGATG	TTATG	CTG	AGAAATCT	GACCG	CAGGGA	AACTG	TGTCAG	5460
Db	5401	GGGGA	AGGATG	TTATG	CTG	AGAAATCT	GACCG	CAGGGA	AACTG	TGTCAG	5460
Qy	5461	AAGAC	CA	CCAC	AGGTTAA	G	TAGAA	CAGTCC	CAGG	GTGG	5520
Db	5461	AAGAC	CA	CCAC	AGGTTAA	G	TAGAA	CAGTCC	CAGG	GTGG	5520
Qy	5521	CAGAG	CG	GGGA	AGATAG	CTAC	AAAGTTT	CATAG	GGTCCG	GAGTCTTA	5580
Db	5521	CAGAG	CG	GGGA	AGATAG	CTAC	AAAGTTT	CATAG	GGTCCG	GAGTCTTA	5580
Qy	5581	TAGCTCT	TTG	GGCTT	CATA	ACAA	AGGAAGTCT	GGA	AGG	CAGCAAGT	5640

QY 3298 GPACAAAGTACTTGTGGGAGAGAAATCCACTGAGTACAGTACTTGTGGCATGGAGATC 3357
Db 1310 GAAACCATCTAGCTGTGGAAATGGATCCATTGAGTCTAAGTGTGTGAGGGAGGGGATGG 1369
QY 3358 CACTGAGTCAAGTACTTGTGGGGAGGGAATGGCACAGACAAAGTGTGAAGGGAAG 3417
Db 1370 CATGGAGAAATAGAGAGAAAGTGGAATGGGAAGGCTTAA----- 1415
QY 3418 AAGATGGAGGCGCTCATGGTGGGGGTGTGAAGGTCACTCTTTTCATGTGTGAGAG 3477
Db 1416 -----GTCGGTGGTGGTCGGCAGACTGTGGCCCTGTGTGATGTCAATGGGA 1460
QY 3478 AGTTAAGAAAACCA-GTGTGTGAGTTTTCATGTCTTCACACACCCCACTATGAACAT 3536
Db 1461 AGCCACAAATCGGAGCGTGTGAATCTGATGCCGTGAACATTTGMAACTATGAABAA 1520
QY 3537 ATCCAGAGAGCGGCGACACTGTGGGAGACCTGGCATTTTGGGAAGGGCG--GGCTTTT 3594
Db 1521 AGTTTGAAGTGGAGTGGGCCAGTAAAGGCCCTTAGGACTTACTGAAGAGGGCTTAAATTT 1580
QY 3595 CACACAGAAACTTTATGCTCTCTGTGTGTACACTCCCACTTTGATGAGGTTTCAAG 3654
Db 1581 CACATGAGATGTTTTATGTACATTTCTGTCTTAAGCATGCAATTTCTGGAGATACGAT 1640
QY 3655 TCAGGTTTCGTTTCT-----ACCGTTCTTGCTACTGGTGAAC 3693
Db 1641 TGAGGTTTTATTCTTACAGAAATTTGCATAAACTACTCCGCTCTTTCCACAAATGCAAA 1700
QY 3694 TTCAAGTATGTTCCCAAGACGAGCAGACTCTCTGTGAAGGGAGGACCTGGATTCA 3753
Db 1701 CTCAAGTATGTTTCCCAAGATGAAGAGGCTCTTGTGAAGGAAGTACGTGGATCTG 1760
QY 3754 GTCTCTTAGAAGACGAAATAGCTCAGAGAACTTAGGTCAACGTGAATCTAGGTCAAC 3813
Db 1761 GCGTCCAAAGGAATCAAGAGCTCAGAAATCTAGGTCACTGTGAAATCTAGGTCAATG 1820
QY 3814 GGCAGAAATGACTGAACGCTCTATTCAGGTGAACGCTCAGTCCCTCAGATATCTG 3873
Db 1821 TGGGCAAAATTAATAAGAGCTTTAAATTCAGGTGAATTTGATGTACCTCCCACTGGGTG 1880
QY 3874 AGGTATGGGCTCCCAAGGATAAGATTTCTGTAGTGA-GTCTGCTTTTATTTTTCAGCA 3932
Db 1881 GAGTTCATAAAGTTTCAGCACACATTAAGATAGTTATGCTTGTATTGTTTATAGCA 1940
QY 3933 CATCAGGGTGAAGCACAGAAATCCAGAAAGATGTCAAGGCTCAAGGCTGAAGGACAGTGA 3992
Db 1941 TATTGAAGGTGATGACCTGCATATCCAGAGGAATGTGCAAAAGCTGAAGGACACAGTGA 2000
QY 3993 AAAGGTACTATTGGCAAGCCACAATACTAAGCCATTTCAGTAG--GAGACGTGGGATTTTC 4050
Db 2001 AAAGGTAGGACTGATTAAGTCTCAATGCTAAGTCAATGCAATAGGAGAGACAAATGTTT 2060
QY 4051 TTTCTCTGCTCCAGTCCCTTCTACTTTGTAAATTTTATTTGATCTGTCTACTATCTG 4110
Db 2061 TTTCTTCTTCTTCTTCCCATCACTTTGTGATTTTTCATTTGATTTCTCTACCAACAG 2120
QY 4111 GTCCATTACTCGCTTAGCTGACCTGATCTAGTGGTCTATAGATCTTTCAATCTGTG 4170
Db 2121 GGCATTTA-----CTTGGTGTGTGATGTGAATATATCTATATCTAGATGTCAAT 2176
QY 4171 TCTAAATTTT---GTAACTCAATTTCTGGAGCTAGCAGAAAGCTTAGCTCAGCCAGTCTC 4227
Db 2177 TCCAAATCTTGCAAATTTAGAAATTTCTAGAACTGGTTGGGATCTTAGCTTGTCTAGTCAC 2236
QY 4228 ATGAGCACTTCTCGGAGGATGGCTGTGACAGATCAATGCTAGAGACAGCATCCCTG 4287
Db 2237 ATAACTTCAGATTTCTGGGATGGTCAAGTGAAGATAGGCTGAGATGAGGCTCTCTG 2296
QY 4288 ATTCACAGCTCTGAC--TTGCCTAGTGGCCATGTGTAAATTAATTTCTTGGCTTGAATAGTAT 4346
Db 2297 AATCCCAAGCCAGCACTTTTCCCGGTGGTGATACAGATTAGTTTGGTACCAATTAATTTCT 2356

QY 4347 TTGGAAA--GCCAGTTCCACGGACCTACATAATCTGAAGAACCAATGCAATTTGAAAACCTA 4404
Db 2357 TAGGAAAATTTAGATTTCTTATGACTCATGTAATCTGAAGAGTACTTGTGTTTAAAAACA 2416
QY 4405 GAAAGCTGGGCA-----CAAACTTACTAGAGATGATTTTGTAGCTCATTAACCGATGCTC 4460
Db 2417 GAAAAATGCCATATGGGCAAAATTTATTTGAAGTCAATTTTGAAGTCAATTAATGCAATGCTT 2476
QY 4461 TGAATGTGGCAAAATCAACCCAGAAATAACAACAAAGAGCTGATTTGCAATAGAGACA 4520
Db 2477 TGAACCTTGAAGAAATAAATCTGAACAAATGAGAAAAGAGCTGGACTTGCATATAGGCT 2536
QY 4521 AGTATTTAGAAATCACTGGTATTAATAGCTATCATCTTAATTAATAATATAGGGCTTATATA 4580
Db 2537 AATTTCTGGA-----GTAAATAACACATTTATTTGAATTTATCATATATCTATCATAGATA 2589
QY 4581 TATATTTAAGATTAACACAGAGTGTGATAGCTCCCAATTTTACTTTGGCTGGTTCATAA 4640
Db 2590 TTGATTTAGTGTAAAGCAAGAGCAGACAAACC--CGATCTCTTTTATACAGGTTCAAT 2648
QY 4641 AGATAAAATATACAGTCAATGGAATTAATATAGTGTCAAGAAAGTATGAGATGGAACCC 4700
Db 2649 AGATAAAATATTTAGTAAGAGATTTATATAGTTAAATGGAAGTCTGAATTTGGTAAGCT 2708
QY 4701 TTTCTTACTTTTACCTTCA-----TTTCTAGTTTTTTTTTTTCTTTCACACCTGA 4752
Db 2709 TTTTTTCTTCTCTCTCCCATCAAGACCTTCAATCTAGTTTCTTCTTCTTCTCTCTCA 2768
QY 4753 TCAAGCCACTAGTAAGCACCTTCTGCTGTGAGCTATTAATATGACTTTTACAGCAAAAC 4812
Db 2769 ACNAATCCCTAGGAGCAATTTATCCATGTTGGCTGGTGTACATTTCTATAGTGAATGAT 2828
QY 4813 ATTCTGTGTGGCTCTTTTGGGAAGGACAGAGTAGCAGGAGGCTCAGGCTAGCAAGT 4872
Db 2829 ACCATCATGTGGCTATTTTGGTGAAGAAACA--ACAATGGAAGGCTTAGACTAACATA 2886
QY 4873 CTGACTTGGCTTAAAGCCAGAGCATGTTGTATAGCAGAGAAAGTGGGCTCTTTCGCAAG 4932
Db 2887 GTGACTCACCCCAAAACCGGAGGAATGATTAGGAGCAGTGAAGTGAAGCTCTT--GCAAG 2945
QY 4933 TGGTGTGCTTAAGTAATCAGAAACAGAGAGGCTCCGGTTGATGGATTAATCAGTAAGA- 4991
Db 2946 CAGGTACAACCTAAATACTCAGAAACATGAAGGCTCCAGTTGATGAATTTTCAGTAACAA 3005
QY 4992 -----TATCTACCTTATCTCTCTATCGAACCTAAATCGTCTCTTTTCTTTGTG 5042
Db 3006 CTTTAACTTAAATTCCTCTTTTCCCTCTTGACTTTTAAABAGCGTTTCTTCTGAG 3065
QY 5043 TGTAGGCTGATPAAACACACTTGT--TTCTTTTGTAGTGTCAAGGCTTTGTAGATTTTA 5100
Db 3066 CATCATTTAATGATGTGACTGTTTCTTCTCTTGTATTAATTTGAAGGCTTTGTAGTTTAAA 3125
QY 5101 GTGCTCTGCCAGTTCTTGT--TAGAGGTTTGTACCTTCACACCTGGGCTTGGATGTTA 5158
Db 3126 TTGTGAAGCCAGTCTCTTGTATAGAACTATTAATCTAGACATGGAGGCTGAATGTTA 3185
QY 5159 GCATGCCAAAGGCAACACTTCTGAATGCTGTGTAAAGGTTAATTAATTCATTTACT--- 5215
Db 3186 GCATGCCACAGCAAGGCAATGCTTTACACATCTTGTCTTAAATAATTAATGATTTTCACTT 3245
QY 5216 -----TTGTCTTTTGAAGGTGAAGCGTGTGTGAAGAAAGTCAACAGGAGATGTGTCT 5270
Db 3246 GCTGTTGTCTTTTGAAGGTGAAGTGTGAGAGGAGAACTCTATGGTGA----- 3296
QY 5271 CTGTAGGAAAATTTTTTTTCCCTTAAATGCTATAATCCATTTTCAGTCA---ACTT 5327
Db 3297 -----TCTGTGTGATTTTCAAGACCTTTAAATCCATTTTGAAGAAATCAAT 3342
QY 5328 TGACTTTTATACCATGCTCAGATGAAGAGTGTTTAGGCCCGCTCTCATGGCTCTGGG 5387
Db 3343 TCATATTTGCAATGGGTTGGCCATGTGGAAAGTGAATATGCTTTTCTGCTGAGTCTCA 3402
QY 5388 AAAAGCAACCAATAGGGGAAGGAATGTTATGCTGAGAAATCTGAACGGGAGGAAATCTGTT 5447

593 TCTGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAAAGAACTGCTCTCTCT 652
6655 GCCTTCTAAAAGAACATTAAGATCCCTGAATGGACTTTTACTAAAGGAAGTGAGAA 6714
653 GCCTTCTAAAAGAACATTAAGATCCCTGAATGGACTTTTACTAAAGGAAGTGAGAA 712
6715 GCTAACGCTCCATCATCATTAAGAGATTTTACATGAACCTGGCTCAGTTGAAAAGAAAA 6774
713 GCTAACGCTCCATCATTAAGAGATTTTACATGAACCTGGCTCAGTTGAAAAGAAAA 772
6775 TAGTGCAAGTTGTCATGAGACCGAGAGTAGACTTGATACCAACAAAGATTCATTGACA 6834
773 TAGTGCAAGTTGTCATGAGACCGAGAGTAGACTTGATACCAACAAAGATTCATTGACA 832
6835 ATATTTTATTGTGTCACATGATACACAGAAAAAATAATGACTTTTAAAAAAATTTGTTGAA 6894
833 ATATTTTATTGTGTCACATGATACACAGAAAAAATAATGACTTTTAAAAAAATTTGTTGAA 892
6895 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTAAGTAACCTTCATTTCCATATCCAA 6954
893 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTAAGTAACCTTCATTTCCATATCCAA 952
6955 TATTTTATATGTAAGTTTATTTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 7014
953 TATTTTATATGTAAGTTTATTTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 1012
7015 ATATGATTTATTTATAGAAACATTAATCTGCTTATGATATTTATAGTAAGGCAATATA 7074
1013 ATATGATTTATTTATAGAAACATTAATCTGCTTATGATATTTATAGTAAGGCAATATA 1072
7075 TTTATGACATAACTATGGAACCAAGATATCTTAGGCTTTTAAACACATGGATATCAT 7134
1073 TTTATGACATAACTATGGAACCAAGATATCTTAGGCTTTTAAACACATGGATATCAT 1132
7135 AAA 7137
1133 AAA 1135

RESULT 7
US-09-751-797-9
; Sequence 9, Application US/09751797
; Patent No. US20010024652A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; FILE OF INVENTION: (Tifs) The Proteins Encoded, and Uses thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751.797
; PRIOR FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: 09/419,568
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 9
; LENGTH: 1111
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-751-797-9

Query Match 7.5%; Score 555.2; DB 9; Length 1111;
Best Local Similarity 96.0%; Pred. No. 4e-119;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;
5535 ATAGCTTGAGAGAGTGGAGAGATCAAGCGGATTTGGGAACTGGACCTGCTGTTTATGTC 6594
508 AAAGCTTGAGAGAGCGGAGAGATCAAGCGGATTTGGGAACTGGACCTGCTGTTTATGTC 567

6595 TCTGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAAAGAACTGCTCTCTCT 6654
568 TCTGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAAGAACTGCTCTCTCT 627
6655 GCCTTCTAAAAGAACATTAAGATCCCTGAATGGACTTTTACTAAAGGAAGTGAGAA 6714
628 GCCTTCTAAAAGAACATTAAGATCCCTGAATGGACTTTTACTAAAGGAAGTGAGAA 687
6715 GCTAACGCTCCATCATCATTAAGAGATTTTACATGAACCTGGCTCAGTTGAAAAGAAAA 6774
688 GCTAACGCTCCATCATTAAGAGATTTTACATGAACCTGGCTCAGTTGAAAAGAAAA 747
6775 TAGTGCAAGTTGTCATGAGACCGAGAGTAGACTTGATACCAACAAAGATTCATTGACA 6834
748 TAGTGCAAGTTGTCATGAGACCGAGAGTAGACTTGATACCAACAAAGATTCATTGACA 807
6835 ATATTTTATTGTGTCACATGATACACAGAAAAAATAATGACTTTTAAAAAAATTTGTTGAA 6894
808 ATATTTTATTGTGTCACATGATACACAGAAAAAATAATGACTTTTAAAAAAATTTGTTGAA 867
6895 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTAAGTAACCTTCATTTCCATATCCAA 6954
868 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTAAGTAACCTTCATTTCCATATCCAA 927
6955 TATTTTATATGTAAGTTTATTTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 7014
928 TATTTTATATGTAAGTTTATTTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 987
7015 ATATGATTTATTTATAGAAACATTAATCTGCTTATGATATTTTATAGTAAGGCAATATA 7073
988 ATATGATTTATTTATAGAAACATTAATCTGCTTATGATATTTTATAGTAAGGCAATATA 1047
7074 ATTTATGACATAACTATGGAACCAAGATATCTTAGGCTTTTAAACACATGGATATCA 7133
1048 ATTTATGACATAACTATGGAACCAAGATATCTTAGGCTTTTAAACACATGGATATCA 1107
7134 TAAA 7137
1108 TAAA 1111

RESULT 8
US-10-090-365-40
; Sequence 40, Application US/10090365
; Publication No. US2003007706A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Mouse Cytokine Receptor
; FILE REFERENCE: 01-08
; CURRENT APPLICATION NUMBER: US/10/090,365
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: US 60/273,035
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: US 60/279,232
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 40
; LENGTH: 1050
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (50)...(589)
US-10-090-365-40

Query Match 6.7%; Score 499; DB 15; Length 1050;
Best Local Similarity 96.1%; Pred. No. 5.7e-106;
Matches 522; Conservative 0; Mismatches 20; Indels 1; Gaps 1;

QY	6535	ATAGCTTGGAGAGAGTGGAGAGATCAAGGCGATTGGGAACTGGACCTGCTGTTTATGTC	6594
Db	508	AAAGCTTGGAGAGAGCGGAGAGATCAAAGCGATCGGGGAACCTGGACCTGCTGTTTATGTC	567
QY	6595	TCTTGAGAAATGCTTGGGTCGTGACGCGAGAGAAAGCTAGAAAACGAAGACCTGCTCCCTCC	6654
Db	568	TCTTGAGAAATGCTTGGGTCGTGACGCGAGAGAAAGCTAGAAAACGAAGACCTGCTCCCTCC	627
QY	6655	GCCTTCTAAAAAGAAACAATAAGATCCCTGGAATGGACCTTTTTTACTAAAGAAAAGTGAGAA	6714
Db	628	GCCTTCTAAAAAGAAACAATAAGATCCCTGGAATGGACCTTTTTTACTAAAGAAAAGTGAGAA	687
QY	6715	GCTAAAGCTCCATCATCATNTTGAAGATTTTCATGAAACCTGGCTCAGTTCGAAAAGAAA	6774
Db	688	GCTAAAGCTCCATCATCATNTTGAAGATTTTCATGAAACCTGGCTCAGTTCGAAAAGAAA	747
QY	6775	TAGTGTCAAAGTGTGCCATGAGACACAGAGGTAGACTTGTATACCAACAAGATTCATTGACA	6834
Db	748	TAGTGTCAAAGTGTGCCATGAGACACAGAGGTAGACTTGTATACCAACAAGATTCATTGACA	807
QY	6835	ATATTTTATTTGTCACCTCATGATACAAACAGAAAAAATATGTACTTTAAAAAATTTGTTGAA	6894
Db	808	ATATTTTATTTGTCACCTCATGATACAAACAGAAAAAATATGTACTTTAAAAAATTTGTTGAA	867
QY	6895	AGAGGTTACCTCTCATCTCCCTTTAGAAAAAAGCTTATGTAACTTCACTTCCATATCCAA	6954
Db	868	AGAGGTTACCTCTCATCTCCCTTTAGAAAAAAGCTTATGTAACTTCACTTCCATATCCAA	927
QY	6955	TATTTTATATATGTAAGTGTATTTTATTTATTAAGTATACATTTTATTTATGTCAGTTTATTA	7014
Db	928	TACTTTATATATGTAAGTGTATTTTATTTATTAAGTATACATTTTATTTATGTCAGTTTATTA	987
QY	7015	ATATGGATTTATTTATAGAAACATTCCTGCTATTTGATATTT-AGTATAAGGCCAAATTAAT	7073
Db	988	ATATGGATTTATTTATAGAAAAATTCCTGATGTTTGATATTTGAGTATATAAGCAAAATTAAT	1047
QY	7074	ATT 7076	
Db	1048	ATT 1050	

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RESULT 9
US-10-104-919-42
/ Sequence 42, Application US/10104919
/ Publication No. US20030099608A1
/ GENERAL INFORMATION:
/ APPLICANT: Presnell, Scott R.
/ APPLICANT: Xu, Wenfeng
/ APPLICANT: Kinsvogel, Wayne
/ APPLICANT: Chen, Zhi
/ APPLICANT: Hughes, Steven D.
/ TITLE OF INVENTION: Human Cytokine
/ FILE REFERENCE: 01-12
/ CURRENT APPLICATION NUMBER: US/10/1
/ CURRENT FILING DATE: 2002-03-23
/ PRIOR APPLICATION NUMBER: US 60/279
/ PRIOR FILING DATE: 2001-03-27
/ NUMBER OF SEQ ID NOS: 62
/ SOFTWARE: FastSeq for Windows Versi
/ SEQ ID NO 42
/ LENGTH: 1050
/ TYPE: DNA
/ ORGANISM: Mus musculus
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (5)...(589)
US-10-104-919-42

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RESULT 10
US-09-746-375-37
; Sequence 37, Application US/09746375
; Publication No. US20030170823A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Kindsvogel, Wayne
; TITLE OF INVENTION: NOVEL CYTOKINE ZCVTO18
; FILE REFERENCE: 99-106
; CURRENT APPLICATION NUMBER: US/09/746,375
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 60/172,105
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US 60/****,***
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 37
; LENGTH: 778
; TYPE: DNA
; ORGANISM: mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (47)...(583)
US-09-746-375-37

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RESULT 10
US-09-746-375-37
; Sequence 37, Application US/09746375
; Publication No. US20030170823A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Kindsvogel, Wayne
; TITLE OF INVENTION: NOVEL CYTOKINE ZCVT018
; FILE REFERENCE: 99-106
; CURRENT APPLICATION NUMBER: US/09/746,375
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 60/172,105
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US 60/****,***
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Fast-Seq for Windows Version 3.0
; SEQ ID NO 37
; LENGTH: 778
; TYPE: DNA
; ORGANISM: mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (47)...(583)
US-09-746-375-37

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	Query Match	3.7%	Score 272.4;	DB 13;	Length 778;
	Best Local Similarity	99.6%	Prod. No. 5.8e-53;		
	Matches 273;	Conservative	0;	Mismatches 1;	Indels 0; Gaps 0
6535	ATAGCTTGAGAGAGTGGAGAGATCAAGCGCATTTGGGAACTGGACCTGCTGTTTATGTC				6594
505	AAAGCTTGAGAGAGTGGAGAGATCAAGCGCATTTGGGAACTGGACCTGCTGTTTATGTC				564

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QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGCTAGAAAACGAAGAACTGCTCCTTCT 6654
Db 565 TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGCTAGAAAACGAAGAACTGCTCCTTCT 624
QY 6655 GCCTTCTAAAGAAACAATAAGATCCCTGAATGGACTTTTTTACTAAAGAAAGTGAGAA 6714
Db 625 GCCTTCTAAAGAAACAATAAGATCCCTGAATGGACTTTTTTACTAAAGAAAGTGAGAA 684
QY 6715 GCTAAACGCTCATCATCATATTAGAGATTTACATGAACCTGGCTCAGTTGAAAAGAA 6774
Db 685 GCTAAACGCTCATCATCATATTAGAGATTTACATGAACCTGGCTCAGTTGAAAAGAA 744
QY 6775 TAGTGCAAGTTGCTCCATGAGACACGAGGTAGAC 6808
Db 745 TAGTGCAAGTTGCTCCATGAGACACGAGGTAGAC 778

RESULT 11
US-10-256-977-1
; Sequence 1, Application US/10256977
; Publication No. US20030157106A1
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: Pittman, Debra
; APPLICANT: Fouser, Lynette
; APPLICANT: Spaulding, Vikki
; APPLICANT: Xuan, Dejun
; TITLE OF INVENTION: Composition and Method for Treating Inflammatory
; TITLE OF INVENTION: Disorders
; FILE REFERENCE: G15358 CIP
; CURRENT FILING DATE: 2002-09-27
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: US/10/084,298
; PRIOR FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 60/270,823
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/281,353
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/131,473
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/561,811
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 1
; LENGTH: 1191
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-256-977-1

Query Match 2.9%; Score 217.6; DB 13; Length 1191;
Best Local Similarity 70.9%; Pred. No. 5.4e-40;
Matches 454; Conservative 0; Mismatches 149; Indels 37; Gaps 11;

QY 6535 ATAGCTTGAGAGAGTGAGAGATCAAGGCGATTTGGGAACTGGAACCTGCTGTTTATGTC 6594
Db 529 AAAGCTTGAGAGAGTGAGAGATCAAGCAATTTGGAGACTGGATTTGCTGTTTATGTC 588
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGCTAGAAAACGAAGAACTGCTCCTTCT 6654
Db 589 TCTGAGAAATGCTTGGCTCTGAGCGAAAGCTGAAAATGAATACTAACCCCTTT 648
QY 6655 GCCTTCTAAAGAAACAATAAGATCCCTGAATGGACTTTTTTACTAAAGAAAGTG 6710
Db 649 CCCTCTAGAAATACAAATTTAGTCCCAAGCAATTTTTTTTAAACCAAGGAAGATG 708
QY 6711 AGAAGCTAACGCTCCATCATCATATTAGAGATTTCAATGAAACCTGGCTCAGTTGAAAAG 6770
Db 709 GGAAGCCAAATCCCATCATGATGGTGATTTCCAAATGAACCCCTGGTGTAGTTACAAG 768
QY 6771 AAAATAGTGTCMA--GTTGTCCATGAGACCAAG-AGGTAGACTTGTATACCAAGAAATTC 6827
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Db 769 GAAACCAATGCCACTTTTGTATAGACCAAGGTAGACTTTCTTAAGATAGATATT 828
QY 6828 ATTGACAAATATTTTATTTGTCACCTGATG----ATACAAACAGAAAATAATGTTACTTTTAAA 6883
Db 829 ATTGATAACATTTTCATTTGTAACCTGTTCTTATACACAGAAAACAATTTTATTTTAAAT 888
QY 6884 AATTGTTTG-----AAAGGAGTTACCTCTCATTTCCCTTTA---GAAAAAAGCTTATG 6933
Db 889 AATTGCTCTTTTCCATAAAAAAGATTTACITTCATTTCCATTTCCITTTGGGGAAGAAACCCCTAAA 948
QY 6934 TAACTTCA--TTTCCATATCCAATATTTTATATATGTAAGTTTATTTTATTAAGTATA- 6990
Db 949 TAGCTTCATGTTTCCATTAATCAGTACTTTATATTTTATAATGATTTTATTTATTTATATA 1008
QY 6991 -----CATTTTATTTGTCAGTTTATTAATATGATTTTATTTATGAAACATTTATCTGC 7045
Db 1009 GACTGCAATTTTATTTATCATTTTATTAATATGATTTTATTTATGAAACATTTATCTGA 1068
QY 7046 TATTGATA-TTTAGTATAAGGCAAAATA--ATATTTATGCAATAACTATGG----AAAC 7097
Db 1069 TATTGCTACTTGAGTGAAGCTAATATTTATGATTTTATGCAATAATTTATAGAGCTATAA 1128
QY 7098 AAGATATCTTAGGCTTTAATAAACAACATGATATCATAAA 7137
Db 1129 CATGTTTATTGACCTCAATAAACAACATTTGGATATCTCTAAA 1168

RESULT 12
US-10-084-298-1
; Sequence 1, Application US/10084298
; Publication No. US20030099649A1
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: Pittman, Debra
; APPLICANT: Fouser, Lynette
; APPLICANT: Spaulding, Vikki
; APPLICANT: Xuan, Dejun
; TITLE OF INVENTION: Composition and Method for Treating Inflammatory
; TITLE OF INVENTION: Disorders
; FILE REFERENCE: G15358 CIP
; CURRENT FILING DATE: 2002-09-10
; PRIOR FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: US/10/084,298
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/270,823
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/131,473
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/561,811
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 1
; LENGTH: 1191
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-084-298-1

Query Match 2.9%; Score 217.6; DB 15; Length 1191;
Best Local Similarity 70.9%; Pred. No. 5.4e-40;
Matches 454; Conservative 0; Mismatches 149; Indels 37; Gaps 11;

QY 6535 ATAGCTTGAGAGAGTGAGAGATCAAGGCGATTTGGGAACTGGAACCTGCTGTTTATGTC 6594
Db 529 AAAGCTTGAGAGAGTGAGAGATCAAGCAATTTGGAGACTGGATTTGCTGTTTATGTC 588
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGCTAGAAAACGAAGAACTGCTCCTTCT 6654
Db 589 TCTGAGAAATGCTTGGCTCTGAGCGAAAGCTGAAAATGAATACTAACCCCTTT 648
QY 6655 GCCTTCTAAAGAAACAATAAGATCCCTGAATGGACTTTTTTACTAAAGAAAGTG 6710
Db 649 CCCTCTAGAAATACAAATTTAGTCCCAAGCAATTTTTTTTAAACCAAGGAAGATG 708
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QY 6711 AGAGCTAACCTCCATCATCTATTAGAGATTTCACATGAAACCTGGCTCAGTTGAAAAAG 6770
DB 709 GGAAGCCAAACTCCATCATGATGGGTGATTCCAAATGAAACCTCGGTGATTAGTACAAAG 768
QY 6771 AAAATAGTGTCAA--GTTGTCCATGAGACCAAG-AGGTAGACTTGATACCAACCAAGATTC 6827
DB 769 GAAACCAATGCCACTTTTGTGTTTATAAGACCAAGAGGTAGACTTTCTAAGCATAGATATTT 828
QY 6828 ATTGACATATTTATTGCTCACTGATG---ATACAACAGAAATAATGATGATCTTTAAAA 6883
DB 829 ATTGATAACATTTCAATTGATCTGTTCTCTATACACAGAAACAATTTATTTTAAAT 888
QY 6884 AATTGTTTG-----AAAGGAGGTACCTCTCATTCCTTTA---GAAAAAAGCTTTATG 6933
DB 889 AATTGCTTTTCCATAAAAAAGATTACTTTCCATTCCTTTAGGGGAAAAAACCCCTAAA 948
QY 6934 TAACCTCA--TTTCCATATCCATATTTATATATATGTAAGTTTATTTATTTATAGTATA- 6990
DB 949 TAGCTTCATGTTTCCATATCATGATCTTTATTTATTTATTAATGATTTATTTATTTATAA 1008
QY 6991 -----CATTTTATTTATGTCATGTTTATTAATATGATTTATTTATAGAAACATTTATCTGC 7045
DB 1009 GACTGCATTTTATTTATATCATTTTATTAATATGATTTTATTTATAGAAACATCATTCGA 1068
QY 7046 TATTGATA--TTTAGTATAGGCAATA--ATATTTATGCAATAACTATGCG----AAAC 7097
DB 1069 TATTGCTACTTGAGTGTAGGCTAATATGATATTTATGCAATAATTATAGACTATAA 1128
QY 7098 AAGATATCTTAGGCTTTAATAAACACATGGATATCATAAA 7137
DB 1129 CATGTTTATTGACCTCAATAAACACTTGGATATCTTAAA 1168

RESULT 13

US-09-728-911-14
; Sequence 14, Application US/09728911
; Patent No. US20020012669A1

GENERAL INFORMATION:

; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvoegel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Human Cytokine Receptor
; FILE REFERENCE: 99-93
; CURRENT APPLICATION NUMBER: US/09/728,911
; CURRENT FILING DATE: 2000-12-01
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: US 60/169,049
; PRIOR FILING DATE: 2000-09-13
; PRIOR APPLICATION NUMBER: US 60/232,219
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: US 60/244,610
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 1116
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (21)...(557)
US-09-728-911-14

Query Match 2.9%; Score 215.6; DB 9; Length 1116;

Best Local Similarity 70.8%; Pred. No. 1.5e-39;
Matches 452; Conservative 0; Mismatches 149; Indels 37; Gaps 11;

QY 6535 ATAGCTTGGAGAGATGGAGAGATCAAGGGATTGGGAACTGGACCTGCTTTATGTC 6594

DB 479 AAAGCTTGGAGAGATGGAGAGATCAAGCAATTGGAGAACTGGATTTCTGTTTATGTC 538

QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAAAGCTAGAAAAAGAAAGAACTGCTCTCT 6654

DB 539 TCTGAGAAATGCTGCAATTTGACCAGCAAAAGCTGAAAAATGATAACTAACCCCTTT 598
QY 6655 GCCTTCTAAAAGAAACAATAAGATCCCTGATGGACTTTTT---ACTAAAGGAAGTG 6710
DB 599 CCTGCTGAAATAACAATAGATGCCCAAGCCATTTTTTTTAAACCAAGGAAGATG 658
QY 6711 AGAAGCTAACGTCCTCATCATTTAGAGATTTTCATGAAACCTGGCTCAGTTGAAAAAG 6770
DB 659 GGAAGCCAAATCCATCATGATGGGTGGATTCCAAATGAACCCCTGCTTAGTTACAAG 718
QY 6771 AAATAGTGTCAA--GTTGTCCATGAGACCAG-AGGTAGACTTGATACCAACAAAGATTC 6827
DB 719 GAAACCAATGCCACTTTTGTGTTTATAGACCAAGAGTAGACTTCTTAGCATAGATATTT 778
QY 6828 ATTGACATATTTTATTTGTCACGTATG----ATACAACAGAAAAATAATGATCTTTAAAA 6883
DB 779 ATTGATAACATTTCAATTTGTAACCTGGTGTCTTATACAGAAAAACAATTTATTTTAAAT 838
QY 6884 AATTGTTT-----GAAAGGAGGTACCTCTCATTCCTTTA---GAAAAAAGCTTTATG 6933
DB 839 AATTGCTTTTCCATPAAAAAAGATTACTTTCCATTCCTTTAGGGGAAAAAACCCCTAAA 898
QY 6934 TAACCTCA--TTTCCATATCCATATTTTATATATATGTAAGTTTATTTATTAAGTATA- 6990
DB 899 TAGCTTCATGTTTCCATAATCAGTACTTTATATTTATAATGATTTATTTATTTATAA 958
QY 6991 -----CATTTTATTTATGTCATTTATTAATATGATTTTATTTATAGAAACATTTATCTGC 7045
DB 959 GACTGCATTTTATTTATATCATTTTATTAATATGATTTTATTTATAGAAACATCATTCGA 1018
QY 7046 TATTGATA--TTTAGTATAAGGCAATA--ATATTTATGCAATAACTATGCG----AAAC 7097
DB 1019 TATTGCTACTTGAGTGTAGGCTAATTTGATATTTATGCAATAATTATAGAGCTATAA 1078
QY 7098 AAGATATCTTAGGCTTTAATAAACACATGGATATCATATA 7135
DB 1079 CATGTTTATTGACCTCAATAAACACTTGGATATCTTA 1116

RESULT 14

US-09-925-055D-7
; Sequence 7, Application US/09925055D
; Publication No. US20030157096A1
; GENERAL INFORMATION:
; APPLICANT: Kindsvoegel, Wayne R.
; APPLICANT: Topouzis, Stavros
; TITLE OF INVENTION: SOLUBLE ZCYTOR11 CYTOKINE RECEPTORS
; FILE REFERENCE: 00-56
; CURRENT APPLICATION NUMBER: US/09/925,055D
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/223,827
; PRIOR FILING DATE: 2000-08-08
; PRIOR APPLICATION NUMBER: US 60/250,876
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 1116
; TYPE: DNA
; ORGANISM: homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (21)...(557)
US-09-925-055D-7

Query Match 2.9%; Score 215.6; DB 13; Length 1116;

Best Local Similarity 70.8%; Pred. No. 1.5e-39;
Matches 452; Conservative 0; Mismatches 149; Indels 37; Gaps 11;

QY 6535 ATAGCTTGGAGAGATGGAGAGATCAAGGCGATTTGGGAAGCTGGACCTGCTTTATGTC 6594

DB 479 AAAGCTTGGAGAGATGGAGAGATCAAGCAATTGGAGAACTGGATTTCTGTTTATGTC 538

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QY 6595 TCTGAGAAATGCTTGGCTGCTGAGCGAGAGAAAGCTAGAAAACGAAGAACTGCTCCTTCT 6654
Db 539 TCTGAGAAATGCTTGGCTGCTGAGCGAGAGAAAGCTAGAAAACGAAGAACTGCTCCTTCT 598
QY 6655 GCTTCTTAAAGAAACAAATAGATCCCTGATGGACTTTT- - - - -ACTAAGGAAGTG 6710
Db 599 CCTGTCTAGAAATAACAATTAGATGCCCAAGCGAATTTTTTTTAAACCAAGGAAGATG 658
QY 6711 AGAAGCTAAGCTCCATCATCATTTAGAAAGATTTTACATGAAACCTGGCTCAGTTCGAAAAAG 6770
Db 659 GGAAGCCAACTCCATCATCATGCTGGTGGATTTCCAAATGAACCCCTGCGTTAGTTACAAAG 718
QY 6771 AAAATAGTGCAA - - - - -GTTGTCCATGAGACGAG - AGGTAGACTTGATTAACCAAGATTC 6827
Db 719 GAAACCAATGCCACTTTTGTGTTTATAAGACCAAGGTAGACTTTCTTAAGCATAGATATTT 778
QY 6828 ATTGACAAATTTTATTGTCACGTGATG - - - - -ATACAAACAGAAAAATATGTTACTTTAAAA 6883
Db 779 ATTGATAACATTTTCATGTTAACTGGTGTCTATACACAGAAACAAATTTTATTATAAT 838
QY 6884 AATTGTTT - - - - -GAAAGGAGTTTACCTCTCATTCCTTTA - - - - -GAAAAAAGCTTATG 6933
Db 839 AATTGCTTTTCCATAAAAAAGATTACTTTCCATTCCTTTAGGGGAAAAACCCCTAAA 898
QY 6934 TAACTTCA - - - - -TTTCCATATCCAAATTTTATATATGTAAGTTTATTATTATAAGTATA - 6990
Db 899 TAGCTTCATGTTTCCAAATATCAGTACTTTTATTTATAAATGTTTATTATTATTATAA 958
QY 6991 - - - - -CATTTTATTATGTCAGTTTATTATAATGGAATTTATTATAGAAACATTAATCTGC 7045
Db 959 GACTGCAATTTTATTATATCATTTTATTATAATGGAATTTATTATAGAAACATTAATCTGC 1018
QY 7046 TATTGATA - - - - -TTTAGTATAGGCAATA - - - - -ATATTATGACAAATAACTATGG - - - - -AAAC 7097
Db 1019 TATTGCTACTGAGTGAAGGCTTAATATTGATATTATTGACAAATAATTATAGAGCTATAA 1078
QY 7098 AAGATATCTTAGGCTTTTAAATAACACATGGATATCATA 7135
Db 1079 CATGTTTATTGACCTCAATAAACACTTGGATATCCTA 1116
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RESULT 15

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US-09-746-375-1
; Sequence 1, Application US/09746375
; Publication No. US20030170823A1
; GENERAL INFORMATION:
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Presnell, Scott R.
; TITLE OF INVENTION: NOVEL CYTOKINE ZCYT018
; FILE REFERENCE: 99-106
; CURRENT APPLICATION NUMBER: US/09/746,375
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 60/172,105
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US 60/****,***
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Fast-Seq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1116
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (21)...(557)
US-09-746-375-1
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Query Match 2.9%; Score 215.6; DB 13; Length 1116;
Best Local Similarity 70.8%; Pred. No. 1.5e-39;
Matches 452; Conservative 0; Mismatches 149; Indels 37; Gaps 11;
QY 6535 ATAGCTTGGAGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGGGAGCTGCTGTTTATGTC 6594
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Search completed: February 11, 2004, 14:11:24
Job time : 2447.31 secs
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Db 479 AAAGCTTGGAGAGTGGAGAGATCAAGCAATTTGGAGAACTGGATTTTCTGTTTATGTC 538
QY 6595 TCTGAGAAATGCTTGGCTGCTGAGCGAGAGAAAGCTAGAAAACGAAGAACTGCTCCTTCT 6654
Db 539 TCTGAGAAATGCTTGGCTGCTGAGCGAGAGAAAGCTAGAAAACGAAGAACTGCTCCTTCT 598
QY 6655 GCTTCTTAAAGAAACAAATAGATCCCTGATGGACTTTT- - - - -ACTAAGGAAGTG 6710
Db 599 CCTGTCTAGAAATAACAATTAGATGCCCAAGCGAATTTTTTTTAAACCAAGGAAGATG 658
QY 6711 AGAAGCTAAGCTCCATCATCATTTAGAAAGATTTTACATGAAACCTGGCTCAGTTCGAAAAAG 6770
Db 659 GGAAGCCAACTCCATCATCATGCTGGTGGATTTCCAAATGAACCCCTGCGTTAGTTACAAAG 718
QY 6771 AAAATAGTGCAA - - - - -GTTGTCCATGAGACGAG - AGGTAGACTTGATTAACCAAGATTC 6827
Db 719 GAAACCAATGCCACTTTTGTGTTTATAAGACCAAGGTAGACTTTCTTAAGCATAGATATTT 778
QY 6828 ATTGACAAATTTTATTGTCACGTGATG - - - - -ATACAAACAGAAAAATATGTTACTTTAAAA 6883
Db 779 ATTGATAACATTTTCATGTTAACTGGTGTCTATACACAGAAACAAATTTTATTATAAT 838
QY 6884 AATTGTTT - - - - -GAAAGGAGTTTACCTCTCATTCCTTTA - - - - -GAAAAAAGCTTATG 6933
Db 839 AATTGCTTTTCCATAAAAAAGATTACTTTCCATTCCTTTAGGGGAAAAACCCCTAAA 898
QY 6934 TAACTTCA - - - - -TTTCCATATCCAAATTTTATATATGTAAGTTTATTATTATAAGTATA - 6990
Db 899 TAGCTTCATGTTTCCAAATATCAGTACTTTTATTTATAAATGTTTATTATTATTATAA 958
QY 6991 - - - - -CATTTTATTATGTCAGTTTATTATAATGGAATTTATTATAGAAACATTAATCTGC 7045
Db 959 GACTGCAATTTTATTATATCATTTTATTATAATGGAATTTATTATAGAAACATTAATCTGC 1018
QY 7046 TATTGATA - - - - -TTTAGTATAGGCAATA - - - - -ATATTATGACAAATAACTATGG - - - - -AAAC 7097
Db 1019 TATTGCTACTGAGTGAAGGCTTAATATTGATATTATTGACAAATAATTATAGAGCTATAA 1078
QY 7098 AAGATATCTTAGGCTTTTAAATAACACATGGATATCATA 7135
Db 1079 CATGTTTATTGACCTCAATAAACACTTGGATATCCTA 1116
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Db 361 TGAACCTCCAGTCTTTAACTCTTTTATTAATAATTCACACAATAGTGTGTCAGTGC 420
Qy 421 TGTTTCCACCAATGATGCTGTGCAACCAAGTGTGCTGGTGTGCTGGGGCAGGA 480
Db 421 TGTTTCCACCAATGATGCTGTGCAACCAAGTGTGCTGGTGTGCTGGGGCAGGA 480
Qy 481 GCAGGAGAGGGTGGCCCTGCGACCGGAGTCACGGATGGTGTGAGCCACCATGAGGATGCT 540
Db 481 GCAGGAGAGGGTGGCCCTGCGACCGGAGTCACGGATGGTGTGAGCCACCATGAGGATGCT 540
Qy 541 GGGAGTTAGACCCAGGTCTCCAGAGTGCAGAAATGCTCTTAACCAACGAGGCAAT 600
Db 541 GGGAGTTAGACCCAGGTCTCCAGAGTGCAGAAATGCTCTTAACCAACGAGGCAAT 600
Qy 601 TCTCTCTCCAGCCCAACATGAGTGTCTTTAGATCCACTAGAAATAGAGTCTGATGCG 660
Db 601 TCTCTCTCCAGCCCAACATGAGTGTCTTTAGATCCACTAGAAATAGAGTCTGATGCG 660
Qy 661 TTCACTCACTGCACTCCCTGCTGTCATCTTCTGTCGCAAGGACCAACCAAGGAGAAAT 720
Db 661 TTCACTCACTGCACTCCCTGCTGTCATCTTCTGTCGCAAGGACCAACCAAGGAGAAAT 720
Qy 721 CCCACACTGCTTTGCTGCTCAAGTCTGCACTCTCAACAGTCAAGATCTCCAGTGT 780
Db 721 CCCACACTGCTTTGCTGCTCAAGTCTGCACTCTCAACAGTCAAGATCTCCAGTGT 780
Qy 781 CCTCTAAACACTTTGCCAGTGTCCCTCTAACTTTCTCCAGTGTCCCTCTAAACACTTT 840
Db 781 CCTCTAAACACTTTGCCAGTGTCCCTCTAACTTTCTCCAGTGTCCCTCTAAACACTTT 840
Qy 841 CTCAGTGTCCCTCTAAACACTTTGATCTCAATAGTGTAGGGGAGAAAGATCTCACACA 900
Db 841 CTCAGTGTCCCTCTAAACACTTTGATCTCAATAGTGTAGGGGAGAAAGATCTCACACA 900
Qy 901 GTGATTTTCATGACTTCGCTTCTAGTCTAGATGTAGGCAATTCGCTGCTAGGCT 960
Db 901 GTGATTTTCATGACTTCGCTTCTAGTCTAGATGTAGGCAATTCGCTGCTAGGCT 960
Qy 961 AGGCGTCTGCTCCGCTGTAGGAGACTTTCCTAGTCTAGTGTGAGGCTGCTATCTG 1020
Db 961 AGGCGTCTGCTCCGCTGTAGGAGACTTTCCTAGTCTAGTGTGAGGCTGCTATCTG 1020
Qy 1021 GGATTCAGTGTACATACAATGCAAAAAATCCAGTATTTGTAAATTTCTCTTCAACT 1080
Db 1021 GGATTCAGTGTACATACAATGCAAAAAATCCAGTATTTGTAAATTTCTCTTCAACT 1080
Qy 1081 ATCCATCTATATAGTATGTTATGAGGCTCATTTAAABAATATTTTGGAGACTTATGC 1140
Db 1081 ATCCATCTATATAGTATGTTATGAGGCTCATTTAAABAATATTTTGGAGACTTATGC 1140
Qy 1141 TTGCACAGTAAATGTGACAGAAATAGCAAAATGTATAGTATTTATTTTAAAAAAA 1200
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Qy 1201 TCTATGCTTAAATGCTATTTAGATTTGTCACACGATATTTCCAACTTAACTTGAAC 1260
Db 1201 TCTATGCTTAAATGCTATTTAGATTTGTCACACGATATTTCCAACTTAACTTGAAC 1260
Qy 1261 TTGGCTATGATTTCAACCTTTGATTTGCACTACCATTAACAGTCTCTGAAACAGAACAT 1320
Db 1261 TTGGCTATGATTTCAACCTTTGATTTGCACTACCATTAACAGTCTCTGAAACAGAACAT 1320
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Db 1321 TCTGTGGCAATGGGAGCTGTGAAGAACCAACATCTTTATTTAAAAAAAACAGCTA 1380
Qy 1381 GTTATAGTTTGGATTTCCATATCTAAAAAATAAGATATATTTTAAAAAATGA 1440
Db 1381 GTTATAGTTTGGATTTCCATATCTAAAAAATAAGATATATTTTAAAAAATGA 1440
Qy 1441 AATAATCTCCAGTCTTCAATATGCTTATTTCAAGCAAGATATAGGACAGGCTCT 1500

Db 1441 AATAATCTCCAGTCTTCAATATGCTTATTTCAAGCAAGATATAGGACACGGTCT 1500
Qy 1501 TTTATTTCTGGTCACTCTTAAAGAGATAAGAATCTATGAAGTTGGTGGAAAAATGATGCC 1560
Db 1501 TTTATTTCTGGTCACTCTTAAAGAGATAAGAATCTATGAAGTTGGTGGAAAAATGATGCC 1560
Qy 1561 GTACCCAAAACGCTGACTCAATAGCTACGGGAGATCAAGGCTGCTCTACTCAATCAGAA 1620
Db 1561 GTACCCAAAACGCTGACTCAATAGCTACGGGAGATCAAGGCTGCTCTACTCAATCAGAA 1620
Qy 1621 TCTACTACGGCAAGCCATGGCTTTCTTTGAAAAACGCTTTTAGAAGAATTTCTGGGATTT 1680
Db 1621 TCTACTACGGCAAGCCATGGCTTTCTTTGAAAAACGCTTTTAGAAGAATTTCTGGGATTT 1680
Qy 1681 GTGTGAAAAAGACCTTTGTTGGCCCTCACCGTACGCTTTTAGGGAGACTTCCCATCTCT 1740
Db 1681 GTGTGAAAAAGACCTTTGTTGGCCCTCACCGTACGCTTTTAGGGAGACTTCCCATCTCT 1740
Qy 1741 CAAGGTGGGAAGGCTTGAGGTGTCTTTGTGGCCCTCTATGTGGTGTAGGTACTTCTC 1800
Db 1741 CAAGGTGGGAAGGCTTGAGGTGTCTTTGTGGCCCTCTATGTGGTGTAGGTACTTCTC 1800
Qy 1801 AGAAGACAGGACTGGAAAAATTAGATATGCTGATGTCATATCAATCACATACCAAAAA 1860
Db 1801 AGAAGACAGGACTGGAAAAATTAGATATGCTGATGTCATATCAATCACATACCAAAAA 1860
Qy 1861 ACCCTGTGTCCGATGGCTTATAAAGCAGCAAACTTTCTGCTCTCCCATCACAAAGCAGAG 1920
Db 1861 ACCCTGTGTCCGATGGCTTATAAAGCAGCAAACTTTCTGCTCTCCCATCACAAAGCAGAG 1920
Qy 1921 ACACCTAAAACAGGTAAGCACTCAGACCTCTACAGCAATCATCTGTTGTGATCAGTCTA 1980
Db 1921 ACACCTAAAACAGGTAAGCACTCAGACCTCTACAGCAATCATCTGTTGTGATCAGTCTA 1980
Qy 1981 CCCGACGAACATGCTCCCTGATGTTTTGCTTTGCTCTCTCACATAACAGGCTCTCCT 2040
Db 1981 CCCGACGAACATGCTCCCTGATGTTTTGCTTTGCTCTCTCACATAACAGGCTCTCCT 2040
Qy 2041 CTCACCTTATCAACTGTTGACACTTGTGGATCTCTGATGGTGTCTGCGAAGATCTATG 2100
Db 2041 CTCACCTTATCAACTGTTGACACTTGTGGATCTCTGATGGTGTCTGCGAAGATCTATG 2100
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Db 2101 AGTTTTTCCCTTANGGGACTTTGCGCCGACGCTGCTGCTCTCTCATTTGCTGCGGCC 2160
Qy 2161 CAGGAGGCAAAATGCGCTGCCCTCAACACCGGTCGAAGCTTGAGGTGTCCAACTTCCAG 2220
Db 2161 CAGGAGGCAAAATGCGCTGCCCTCAACACCGGTCGAAGCTTGAGGTGTCCAACTTCCAG 2220
Qy 2221 CAGCGGTACATGCTCAACCGCACCTTTATGCTGCGCAAGGAGTACAGCTCATCTCTTT 2280
Db 2221 CAGCGGTACATGCTCAACCGCACCTTTATGCTGCGCAAGGAGTACAGCTCATCTCTTT 2280
Qy 2281 CTCTCCATACCGCTTGCCTATTTCTCTGAAGCACTTGCAAACTCTTTAGGGGCGCTTTA 2340
Db 2281 CTCTCCATACCGCTTGCCTATTTCTCTGAAGCACTTGCAAACTCTTTAGGGGCGCTTTA 2340
Qy 2341 TCTCGGAGGTCTCACTACTATGTTTTCTCTCTTTAGAGACTCTTTTAAAGGACTGGGT 2400
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Qy 2401 CTTTTTCTATTTCTATTTCAAGGCTCAGGACCAATTTCTATCTTGGCTTTCAGACACA 2460
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Qy 2521 CATTTCTGTGCTCTCTTCTGAATCTACTCTCTTGGCTACTCTCTGAGACCCACTGCG 2580
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Db	5821	TGGAGGAGGAAAGAAAGGGGTGTATGACTCTTACCTGGAGTTTACTAGTTTACGCAATG	5881
Qy	5881	GAAACAGACACTCGGACCTCTCTTGACAAAAAAATGGAACCTGTTGTTGTTGTTGTTGTT	5941
Db	5881	GAAACAGACACTCGGAGCCTCTCTTGACAAAAAAATGGAACCTGTTGTTGTTGTTGTTGTT	5941
Qy	5941	TGTTCTTTTGTTAAGAAAGCACAGGCAAGCCGACCACATGGTGTCAATGTGGGTCTTT	6001
Db	5941	TGTTCTTTTGTTAAGAAAGCACAGGCAAGCCGACCACATGGTGTCAATGTGGGTCTTT	6001
Qy	6001	GAGTCAAGGCTTTTGAGTTGAGCACTCATCAATAGTTGATCATGGTCAGGTGAGGGCTA	6061
Db	6001	GAGTCAAGGCTTTTGAGTTGAGCACTCATCAATAGTTGATCATGGTCAGGTGAGGGCTA	6061
Qy	6061	CCTGTCAAGCCGAGCCCTGCTTGGCTTCGCACCTTAAACATCCAGGTCCTCAGTATCACTTC	6121
Db	6061	CCTGTCAAGCCGAGCCCTGCTTGGCTTCGCACCTTAAACATCCAGGTCCTCAGTATCACTTC	6121
Qy	6121	CTGCTACTTAGCACAGTTAGAGTTGAGCAAACTTTTTCNAACCCCACTAAATTT	6181
Db	6121	CTGCTACTTAGCACAGTTAGAGTTGAGCAAACTTTTTCNAACCCCACTAAATTT	6181
Qy	6181	AAATTGACAAAAGACTGTGTAAATTGTGGGATACAGTGTGATAATTGATCTATGTGTGCAT	6241
Db	6181	AAATTGACAAAAGACTGTGTAAATTGTGGGATACAGTGTGATAATTGATCTATGTGTGCAT	6241
Qy	6241	TGTGCAAGGTTCAATAAGATAGATTAATAGCCCATCAACAGCTTTATGGGTGTAAGATG	6301
Db	6241	TGTGCAAGGTTCAATAAGATAGATTAATAGCCCATCAACAGCTTTATGGGTGTAAGATG	6301
Qy	6301	CAAGTAAATATAGGTAGATGCCGTGGTGTCTTAAAGTCAGAAAAGGCATGATTTTAAAGTC	6361
Db	6301	CAAGTAAATATAGGTAGATGCCGTGGTGTCTTAAAGTCAGAAAAGGCATGATTTTAAAGTC	6361
Qy	6361	TTGGGCAAAATCAATATATATCATGCTTAAATAACATATGTTGATTATTAATCTTTTAG	6421
Db	6361	TTGGGCAAAATCAATATATATCATGCTTAAATAACATATGTTGATTATTAATCTTTTAG	6421
Qy	6421	AGAAGGCTGATACCTTGGTTTTGGTGCTCAGCAACAAATGTCACAGCTCTTTCTAACTG	6481
Db	6421	AGAAGGCTGATACCTTGGTTTTGGTGCTCAGCAACAAATGTCACAGCTCTTTCTAACTG	6481
Qy	6481	GTACCACCTTTAGAAATGCTACCTGCTCAAAATGGTTGTATCTTATTTTTCATAGCT	6541
Db	6481	GTACCACCTTTAGAAATGCTACCTGCTCAAAATGGTTGTATCTTATTTTTCATAGCT	6541
Qy	6541	TGGAGAGAGTGGAGAGATCAAGGCGATTGGGAACTGGAACCTGCTGTTTATGTCCTGAG	6601
Db	6541	TGGAGAGAGTGGAGAGATCAAGGCGATTGGGAACTGGAACCTGCTGTTTATGTCCTGAG	6601
Qy	6601	AAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAAGAACCTGCTCTCTCGCCTTC	6661
Db	6601	AAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAAGAACCTGCTCTCTCGCCTTC	6661
Qy	6661	TAAAAGAACCAATAGATCCCTGAATGGACCTTTTACTAAGGAAAGTGAAGAGCTTAAC	6721
Db	6661	TAAAAGAACCAATAGATCCCTGAATGGACCTTTTACTAAGGAAAGTGAAGAGCTTAAC	6721
Qy	6721	GTCCATCATCATTAGAAGATTTTCACTGAAACCTGGCTCAGTTCGAAAAGAAAAATAGTGT	6781
Db	6721	GTCCATCATCATTAGAAGATTTTCACTGAAACCTGGCTCAGTTCGAAAAGAAAAATAGTGT	6781
Qy	6781	CAAAGTGTCCATGAGACACAGAGGTAGACTTGATACCAACAAAGAAATGTTGACCAATATTT	6841
Db	6781	CAAAGTGTCCATGAGACACAGAGGTAGACTTGATACCAACAAAGAAATGTTGACCAATATTT	6841
Qy	6841	TATTGTCTACTGATGATCAACAGAAAAAATAATGTACTTTAAAAATTTGTTTGAAGAGGAGG	6901
Db	6841	TATTGTCTACTGATGATCAACAGAAAAAATAATGTACTTTAAAAATTTGTTTGAAGAGGAGG	6901
Qy	6901	TTACCTCTCATCTCTTTTAGAAAAAAAGGCTTAGTAACTTCATTTTCCATCATCAATATTTT	6961
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; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-354-243B-8

Query Match      100.0%; Score 7445; DB 4; Length 7445;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 7445; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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[illegible][illegible]

Sequence 25, Application US/09419568F
Patent No. 6331613
GENERAL INFORMATION:
APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
APPLICANT: Renaud, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Factors
FILE REFERENCE: LUD 5543.2
CURRENT APPLICATION NUMBER: US/09/419,568F
CURRENT FILING DATE: 1999-10-18
PRIORITY APPLICATION NUMBER: US09/354,243
PRIORITY FILING DATE: 1999-07-16
PRIORITY APPLICATION NUMBER: US09/178,973
PRIORITY FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 25
LENGTH: 4797
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
US-09-419-568F-25

Query Match 9.2%; Score 686; DB 4; Length 4797;
Best Local Similarity 53.8%; Pred. No. 5,2e-164;
Matches 2644; Conservative 0; Mismatches 1875; Indels 393; Gaps 44;

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Qy 2946 CAGGTACAACTAATATCTCAGAAACATGAAGGCTCCAGTTGATGAATTTTTCAGTAACA 3005
Db |||||
Qy 4992-----TATCTACCCCTTATCTCTTCTATGAACTAAATCTCTCTTTTCTTGTG 5042
Db |||||
Qy 3006 GCTTAACCTTAATTCGCCCTTTTCCCTCTGACTTTTAAAAAAGCGTTTCTTCTCTGAG 3065
Db |||||
Qy 5043 TGTAGGCTGATAAACACACACTTGT--TTCTTTTGTAGTTCATGGCTTCTAGATTTTAA 5100
Db |||||
Qy 3066 CATCATTTAATGAGTGTGACTGTTTCTTCTTTGATTAATGAAGGCTTTTGTAGTTTAA 3125
Db |||||
Qy 5101 GTGCTCTGCCAGTTCTTGT--TAGAGGTTTGTACCTTGACACCTGGGCTTGGATGTTA 5158
Db |||||
Qy 3126 TTGTGAAGCCAGTTCTTCTTGTATAGAACTATTTCTAGACATGGAGGCTGAATGTTA 3185
Db |||||
Qy 5159 GCATGCCAAAGGACACACTTCTGAATGCCTGTGTAAAGGTTATTTATTCATTACT-- 5215
Db |||||
Qy 3186 GCATGCCACAGCAAGCATGCTTTACACATCTTGTCTTAAAAAATTTACTGATTTCACTT 3245
Db |||||
Qy 5216-----TTGTCTTTGGAAGGTGAAGCTGTGTGAGAAAGAACTCAGAGGAGATGTGTCT 5270
Db |||||
Qy 3246 GCTTGTGTCTTTTGTAGAAAAGTGAAGTGTGAGAGAGGAGAACTCTCATGCTGA----- 3296
Db |||||
Qy 5271 CTGTAGGAAAACCTTTTTTTTTTCCCTTAAATGCTATAATCCACTTTCACTCA---ACTT 5327
Db |||||
Qy 3297-----CTGTGTGATTTTCAAGACCTTTAATCCATTTTGAAGAAATCAATTT 5342
Db |||||
Qy 5328 TGACTTTTATACCATGCTGTACATGAAGAGTGTTTAGGCCGCTCTCATGGCTCTGGG 5387
Db |||||
Qy 3343 TCATATTTGCAATGGTGGCTGCTGTGAAGAGTATGCTTTTGTGTGAGTCTCA 3402
Db |||||
Qy 5388 AAAAGCAACCATAGGGAAGGATGTTATGCTGGAATCTGACCGCAGGAGAACTGCT 5447
Db |||||
Qy 3403 GAAAGCA-CAGGAGGAGAGCAATGTTTTCAGAGAAAGATCAACAGGAGAGAACTGT 3461
Db |||||
Qy 5448 CAGAGCTCCCCGGAAGACCA-----CCACAGGTGTAAAGTAGG 5485
Db |||||
Qy 3462 CAGAGCTGTCTGAATAGGCTGGTTTGGGAGGCAATTAATTCCTCTCGTTGGGGTAAA 3521
Db |||||
Qy 5486 AACAGTCCAGGCTGGCTCATGTAATAGAAATGGAACAGAGGAGGAGATAGCTACAA 5545
Db |||||
Qy 3522 AGCAGAACGCAAGTGTGTAGTAAAT-GCATGACAGACAGTAGGGGACGATNAACTTAA 3580
Db |||||
Qy 5546 AGTTTCTATAGGCTC-CGGAGTCTTAAAGATACAAATAGCTGC--TTGGGCTTCATAACA 5602
Db |||||
Qy 3581 AATTTCTTATAGTCTTGGAGTCTTGGATAGAAAGAAATCTTTTGGCCCTTATGCTCA 3640
Db |||||
Qy 5603 AAGAGTCTGGGAAGGACGCAAGTGAAGGAAATGGAAGGAGAAAAAAGAGATGTAG 5662
Db |||||
Qy 3641 AAAGAGTATGGAAGG-----TGAAGGCGGGAAGAAAGCAGAGAAAGGAAG 3688
Db |||||
Qy 5663 AGGACTTGAACAGCTACAAATCTCTACAGACGATTTTCTTGGAACTATAGAGGT 5722
Db |||||
Qy 3689 AACCATGTTATATAGAGCAATGCTGAGCAAGTTTCTTGAATTAATGCAATATG 3748
Db |||||
Qy 5723 AGTGAATAGGTGATTCAGGGGACTTGTCTTTGCCATTTGAATCTGGGTTTTTGTCTCT 5782
Db |||||
Qy 3749 ATAGATTAGAGAAATTTTCACTAGGAAATGCTTTTCACTTGAATTTGGGTTTCTCTCT--T 3805
Db |||||
Qy 5783 CCATTGAGTTTGAAGGCTCACCTTTTACCTTCGAATCGAGGAGGAGAGAGGGGTGT 5842
Db |||||
Qy 3806 CGATTAGTTTGGGATCTCATCTGCAATTTGACT---TGGAGAGAGAAAGATGAATGT 3861
Db |||||
Qy 5843 TATGACTCTACCTGGAGTTTTTACTAGTTTACGCAATGGAACACACACTCGGACCTCT 5902

Db 809 GGTGGTATGATGGTTAGTCTTTATCCCTTATGACCCCTTCTGTTTCCCTTCCACCTGC 868
Qy 2818 AGGCTAAAGATCAGTCTACTGATGAAGCAGGTGCTCAACTTCACTCCGGAAGACGTTTC 2877
Db 869 AGATGAGTGAAGCTGCTATCTGATGAAGCAGGTGCTGAACCTTCAACCTTGAAGATGC 928
Qy 2878 TGTCTCCCTCAGTCAAGCAGTTCAGCCCTACATGACAGAGGTGATCTTCTTCCAGCA 2937
Db 929 TGTTCCTCCTCAATCTGATGAGTTCAGCCCTTATATGAGAGAGGTGTCCTTCCAGCA 988
Qy 2938 AACTCAGCAATCAGCTCAGCTCCTGTTAGTCTGACTCTGGTACTATGCTCTCTCT 2997
Db 989 GGCTCAGCACAGCTAAGCACATGTGAAGTTCAGCTCTCAGCCTATGCCACCTACCC 1048
Qy 2998 CTTCTCTTCTTATTCAGTGAAGAACCGAGGTCTGCTCTCTCTCTCTCTTCAAGAGTGA 3057
Db 1049 CTCCTTCCCTCTTCCACAGAGACCCCTTACCCCAACTCTCTCTCTTCCCTACCC 1108
Qy 3058 GGAGGGCTCAGCACACCACTCATAGCCACTTGAATAGTCCACAAAGCTTTGCG 3117
Db 1109 TAAGCTAGCAGGAGAGTCTTGGCAGCAGTGTATCAGAGTCA-----TTTGG 1161
Qy 3118 TTCAATTGAGTAAATACCTTGAAGTTGATGAGTGAAGCTTTATTTTATTCATGGA 3177
Db 1162 ATCATAGAGTATTTGCTTTTCTTGAAGTTCAGTCAATCTTGAAGTTATAGTGGTGAATG 1221
Qy 3178 AGAAATCAACTCAATCTCTAGATGAGAAAGATGTTGGACGAAAGAAAGCCCTAGAT 3237
Db 1222 GGTCTGGAACTTAAGTGTACAGAGCCGCAATGGTTTGTCTTGGAAAGAAAGCCCTC 1281
Qy 3238 AGAGAAACAGACTCTGCTAGTATAGTACTTATGCGGGGAGCAGGGCGGATATCCACTGA 3297
Db 1282 A-----GGTTGCTAGATGAGAAAGTGTGG 1309
Qy 3298 GTCAAGTACTTCTGGGAGAGAAATCCACTGAGTACAGTACTTCTTTCATGTGATGAG 3357
Db 1310 GAAACATCTAGCTGTGGAATGGATCCATTGAGTCTAAGTGTGAGGGGAGGGATGG 1369
Qy 3358 CACTGAGTACAAGTACTTGTGGGGGAGGGAATGGCACAGAGCAAAAGTTGAAGGGAAG 3417
Db 1370 CATGGAGAGAAATTAGAAGAGAAAGTGGGAAATGGGAAGCTTTAA-----1415
Qy 3418 AAGATGAGAGGCTCATGCTTGGGGGTGGAAGGTCACTCTTTCATGTGATGAG 3477
Db 1416 -----GTCGCTGGTGGTGGGAGACTGTTGCCCTGTTGATGCTATGGGA 1460
Qy 3478 AGTTAAGAAACCA-GTGTGTGAGTTGATGTCTTCAGACACCCCACTATGAACAT 3536
Db 1461 AGCCACAAATCGAGGCGTGTGAATTTGATGCGCTGAACATTTGAACATAGAAARA 1520
Qy 3537 ATCCAGAGAGCGGCGAGACTGTGGAGACCTGGCATTTAGGGAAGGCGC--GGCTTTT 3594
Db 1521 AGTTGAGTGGAGTGGGCCAGTAAAGGCCCTAGGACTTACTGAAGAGGGCTTAAATTT 1580
Qy 3595 CACACAGAAATTTATGCTCATCTTGTGTCTACACTCCCACTTTGATGAGTTCAGC 3654
Db 1581 CACATGAGATGTTTATGATACATTTCTTCTAAGCATGCAATTTCTGGAGATAGAT 1640
Qy 3655 TCAGGTTCTGTTCT-----ACGTTCTGCTACTGTTGAAAC 3693
Db 1641 TGAGGTTTATTCCTTACAGAAATTCATAAACTACTCCGCTCTTTCCACAAATGCAAA 1700
Qy 3694 TTCAGTAGGATTCCTCAAGACGAGGACGCTCTCTGTAAGGGAGGACCTGGAATTTCA 3753
Db 1701 CTCAGTAGGATTTCCCAAGATGAGAGAGTCTCTTGTAGGGAAGTCACTGGATCTG 1760
Qy 3754 GTGTCTTAGAAGCAATAGCTCAGAGAAATCTAGGTCAACGTGAATCTAGGTCAAGC 3813
Db 1761 GCGTCCCAAGGGAATTCAGAGCTCAGGAATCTAGGTCACTGTTGAAATCTAGTCAATG 1820
Qy 3814 GGGCAAAATGACTGACGCTCTATTCAGAGTGAAGGCTCAGTCTCAGATATACTG 3873
Db 1821 TGGCAAAATTAATAAGAGCTTTAAATTCAGGTTGAATTTGACTGTACCTCCATGGGTG 1880

Qy 3874 AGGTATTGGGCTCCACCGGATGAAGATTCTGTGTAGTGA-GTCTGCTTTTATTTTGACGA 3932
Db 1881 GAGGTTCTATAAAGTTTCAGCACAACTTAAGATAGTATGCTTGTATTGTTTTATAGCA 1940
Qy 3933 CATCAGCGGTGACGACAGCAACATCCAGAAGATGTCCAGAGGTGAGAGACAGTGA 3992
Db 1941 TATTGAAGGTGATGACCTGCATATCCAGAGGAATGTGCAAAAGCTGAAGACAGTGA 2000
Qy 3993 AAAGGTACTATTGGCAAGCCACAATATAAGCCATTTCAGTAG--GAGACGTGGGGATTC 4050
Db 2001 AAAGGTAGGACTGATACTGTCATGCTAAGTATGCAATAGGAGAGACAAATGTTGTTT 2060
Qy 4051 TTTCTCTGCTCCAGTCCCTCTCTTGTGTAACTTTTATTTGACTTGTCTACTATCTG 4110
Db 2061 TTTCTTCTCTTCTTCTTCCCATCATCTTGTGATTTTTCACCTGATCTCTCCTACCAC 2120
Qy 4111 GTCCATTACTCGCTTACTGCTGCTGCTATCTAGCTGGGTCTATAGATCTTTTCAATCTGTG 4170
Db 2121 GGCGATTA-----CTTTGGTGTCTGTGTATGTAGATATCTATATCTAGATGTCA 2176
Qy 4171 TCTAAATTT---GTAAGTCAAACTCTGGAGCTAGCAGAAAGCTTAGCTCAGCAGTCTC 4227
Db 2177 TCCAAATCTTGCAAAATTTGTAGAATTTCTAGAACTGGTTGGGATCTTAGCTTGTCTAGT 2236
Qy 4228 ATGAGCACTTCTCGGAGGATGGCTTGTGACAGAGTCAATGCTAGAGACAGCATCCCTG 4287
Db 2237 ATAACCTCAGATTTCTGGGATGGTCACTGGCAGAGATAGGCTAGATGAGGTCTCTG 2296
Qy 4288 ATTCCAGCTCTGCAC--TTGCTAGTGGCCATGTGTAAATTTACTTTGGCTTGTATAGTAT 4346
Db 2297 AATCCCAAGCAGCACATTTTCCCGGTGGTGATACAGATTAGTTTGGTACCATTAATCT 2356
Qy 4347 TTGGGAAA--GCCAGTTTCCCAAGGACCTACATAATCTGGAAGACCATGCTGAAGAACTA 4404
Db 2357 TAGGAAAATTTCAAGTTCTTATTTGACTCATGTAACTCTGAAGAGTACTTCTTTTAAACA 2416
Qy 4405 GAAAGCTGGCA-----CAAACTACTAGAGATGATTTTTCAGCTCAATTAACCGATGCTC 4460
Db 2417 GAAAAATGCTTATGGGCAAAATTTATTTGAAAGTCAATTTTGAAGTCAATTAATGCTTCT 2476
Qy 4461 TGAATGTGCAAAATCAACCCAGAAATCAACAAGAGCTGATTTGCAAAATAGACA 4520
Db 2477 TGAACCTTGAAGAAATAAATCTCAGAACATGAGAAAGAGCTGGACTTGTGATATAGGCT 2536
Qy 4521 AGTATTTAGATCACTCGTATTAATAGCTATCATCTTAAATTAATAATAGGGCTATATA 4580
Db 2537 AATTTCTGGA-----GTAATTAACACTTATTTTGAATTTATCATATACTATCAGATA 2589
Qy 4581 TATATTTAAGATTAACAACAAGAGTGGATAGCTCCCAATTTACTTGGCTGGTTTCAAA 4640
Db 2590 TTGATTTATAGTTTAAAGAGAGCAGACAAC--CCGATCTCTTTTATACAGGTTCAAAT 2648
Qy 4641 AGAGTAAATATATCAGTCATGCTGATTAATATAGTGTCTATGAAAGTATGATGGAACCC 4700
Db 2649 AGAGTAAATATATAGTAAAGATTTATATAGTTAAATGGAAGTCTGATTTGTAAGCT 2708
Qy 4701 TTTCTTACTTTTACCTTCA-----TTTCTTAGTTTCTTTTCTTCTCACACCTGA 4752
Db 2709 TTTTCTTCTCTCTCTCCCATCAAGACCTTCCATTTCTAGTTTCTTCTCTTCTCCTCTCA 2768
Qy 4753 TCAAGCCACTAGTAGAAGCACCTCTCTGCTGTGAGCTATATGACTTTTACAGCAACAAC 4812
Db 2769 ACAATCCCTAGGAGCATTTATCCATGTTGGCTGGTGTACATTTCTATAGTATGAT 2828
Qy 4813 ATTCTGTGTGGCTCTTTTGGGGAAGGGAACAGATAGCAGGAGGCTCAGGCTAGCAGT 4872
Db 2829 ACCATCATGTGGCTCTTTTGTGAAAGAAACA--ACAATGGAAGGCTTAGACTAACATA 2886
Qy 4873 CTGACTTGGCTTAAAGCCAGGCGATGTTGATAGCAGAAAGTGAAGGCTCTTCGCAAG 4932
Db 2887 GTGACTCACCCCAAAACCGAGGAAATGATTAGGAGAGTGAAGTGAAGTCTCTT-GCAAG 2945


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; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-7

Query Match      8.1%; Score 601.4; DB 3; Length 1119;
Best Local Similarity 99.8%; Pred. No. 7.6e-143;
Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6535 ATAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTGGGGAACCTGGACCTGCTGTTTATGTC 6594
Db 510 AAAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTGGGGAACCTGGACCTGCTGTTTATGTC 569
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAAGAACTGCTCCTTCT 6654
Db 570 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAAGAACTGCTCCTTCT 629
QY 6655 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTCTAAAGGAAAGTGAGAA 6714
Db 630 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTCTAAAGGAAAGTGAGAA 689
QY 6715 GCTAACGTCATCATCATTAGAAAGATTTCAATGAAACCTGGCTCAGTTGAAAAAGAAAA 6774
Db 690 GCTAACGTCATCATCATTAGAAAGATTTCAATGAAACCTGGCTCAGTTGAAAAAGAAAA 749
QY 6775 TAGTGCAAGTGTCTCATGAGACGAGAGGTAGACTTGATAACCAAGAGATTCATTGACA 6834
Db 750 TAGTGCAAGTGTCTCATGAGACGAGAGGTAGACTTGATAACCAAGAGATTCATTGACA 809
QY 6835 ATATTTTATGTCTCACTGATGATACAAACAGAAAAATTAATGTACTTTAAAAAATTTGTTGAA 6894
Db 810 ATATTTTATGTCTCACTGATGATACAAACAGAAAAATTAATGTACTTTAAAAAATTTGTTGAA 869
QY 6895 AGGAGGTACCTCTCATCTCTTTAGAAAAGAGCTTATGTAACCTCATTTCCATATCCAA 6954
Db 870 AGGAGGTACCTCTCATCTCTTTAGAAAAGAGCTTATGTAACCTCATTTCCATATCCAA 929
QY 6955 TATTTTATATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 7014
Db 930 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 989
QY 7015 ATATGGAATTTATTAAGAAACATTAATCTGCTATTGATATTTAGTATAAGGCAAAATA 7074
Db 990 ATATGGAATTTATTAAGAAACATTAATCTGCTATTGATATTTAGTATAAGGCAAAATA 1049
QY 7075 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTAATAAACACATGATATCAT 7134
Db 1050 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTAATAAACACATGATATCAT 1109
QY 7135 AAA 7137
Db 1110 AAA 1112

RESULT 10
US-09-419-568P-7
; Sequence 7, Application US/09419568P
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US/09/419,568P
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 7
; LENGTH: 1119
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; TYPE: DNA
; ORGANISM: Mus musculus
US-09-419-568P-7

Query Match      8.1%; Score 601.4; DB 4; Length 1119;
Best Local Similarity 99.8%; Pred. No. 7.6e-143;
Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6535 ATAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTGGGGAACCTGGACCTGCTGTTTATGTC 6594
Db 510 AAAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTGGGGAACCTGGACCTGCTGTTTATGTC 569
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAAGAACTGCTCCTTCT 6654
Db 570 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAAGAACTGCTCCTTCT 629
QY 6655 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTCTAAAGGAAAGTGAGAA 6714
Db 630 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTCTAAAGGAAAGTGAGAA 689
QY 6715 GCTAACGTCATCATCATTAGAAAGATTTCAATGAAACCTGGCTCAGTTGAAAAAGAAAA 6774
Db 690 GCTAACGTCATCATCATTAGAAAGATTTCAATGAAACCTGGCTCAGTTGAAAAAGAAAA 749
QY 6775 TAGTGCAAGTGTCTCATGAGACGAGAGGTAGACTTGATAACCAAGAGATTCATTGACA 6834
Db 750 TAGTGCAAGTGTCTCATGAGACGAGAGGTAGACTTGATAACCAAGAGATTCATTGACA 809
QY 6835 ATATTTTATGTCTCACTGATGATACAAACAGAAAAATTAATGTACTTTAAAAAATTTGTTGAA 6894
Db 810 ATATTTTATGTCTCACTGATGATACAAACAGAAAAATTAATGTACTTTAAAAAATTTGTTGAA 869
QY 6895 AGGAGGTACCTCTCATCTCTTTAGAAAAGAGCTTATGTAACCTCATTTCCATATCCAA 6954
Db 870 AGGAGGTACCTCTCATCTCTTTAGAAAAGAGCTTATGTAACCTCATTTCCATATCCAA 929
QY 6955 TATTTTATATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 7014
Db 930 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 989
QY 7015 ATATGGAATTTATTAAGAAACATTAATCTGCTATTGATATTTAGTATAAGGCAAAATA 7074
Db 990 ATATGGAATTTATTAAGAAACATTAATCTGCTATTGATATTTAGTATAAGGCAAAATA 1049
QY 7075 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTAATAAACACATGATATCAT 7134
Db 1050 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTAATAAACACATGATATCAT 1109
QY 7135 AAA 7137
Db 1110 AAA 1112

RESULT 11
US-09-354-243B-7
; Sequence 7, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US/09/354,243B
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 7
; LENGTH: 1119
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TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
US-09-354-243B-7

Query Match 8.1%; Score 601.4; DB 4; Length 1119;
Best Local Similarity 99.8%; Pred. No. 7.6e-143;
Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6535 ATAGCTTGGAGAGAGTGGAGATCAAGGCGATTGGGGAACCTGCTGTTTATGTC 6594
DB 510 AAGCTTGGAGAGTGGAGATCAAGGCGATTGGGGAACCTGCTGTTTATGTC 569
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAAGAACTAGAAAACGAAAGTCTCTTCT 6654
DB 570 TCTGAGAAATGCTTGGCTCTGAGCGAAGAACTAGAAAACGAAAGTCTCTTCT 629
QY 6655 GCCTTCTAAAGAAACAAATAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 6714
DB 630 GCCTTCTAAAGAAACAAATAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 689
QY 6715 GCTAACGCTCCATCATCATTTAGAGATTTCACATGAACCTGGCTCAGTTGAAAAGAAAA 6774
DB 690 GCTAACGCTCCATCATCATTTAGAGATTTCACATGAACCTGGCTCAGTTGAAAAGAAAA 749
QY 6775 TAGTGCAAGTCTGCTCATGAGACGAGGTAGACTTGTATACCAAGATTCATTGACA 6834
DB 750 TAGTGCAAGTCTGCTCATGAGACGAGGTAGACTTGTATACCAAGATTCATTGACA 809
QY 6835 ATATTTTATGTCACCTGATGATCAACAGAAAAATATGTACTTTAAAAAATTTGTTGAA 6894
DB 810 ATATTTTATGTCACCTGATGATCAACAGAAAAATATGTACTTTAAAAAATTTGTTGAA 869
QY 6895 AGAGGTTACCTCTCATCTTTAGAAAAAAGCTTATGTACTTTAAAAAATTTGTTGAA 6954
DB 870 AGAGGTTACCTCTCATCTTTAGAAAAAAGCTTATGTACTTTAAAAAATTTGTTGAA 929
QY 6955 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 7014
DB 930 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 989
QY 7015 ATATGATTTATTTATAGAAACATTTCTGCTATTGATATTTAGTATTAAGGCAATAATA 7074
DB 990 ATATGATTTATTTATAGAAACATTTCTGCTATTGATATTTAGTATTAAGGCAATAATA 1049
QY 7075 TTTATGCAATAACTATGGAACAAAGATATCTTTAGGCTTTAATAACACATGATATCAT 7134
DB 1050 TTTATGCAATAACTATGGAACAAAGATATCTTTAGGCTTTAATAACACATGATATCAT 1109
QY 7135 AAA 7137
DB 1110 AAA 1112

RESULT 12
US-09-178-973B-9
Sequence 9, Application US/09178973B
Patent No. 6274710
GENERAL INFORMATION:
APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
APPLICANT: Renauld, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
TITLE OF INVENTION: (Tifs)
FILE REFERENCE: LUD 5543
CURRENT FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 9
LENGTH: 1111
TYPE: DNA
ORGANISM: Mus musculus

US-09-178-973B-9

Query Match 7.5%; Score 555.2; DB 3; Length 1111;
Best Local Similarity 96.0%; Pred. No. 4.2e-131;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;

QY 6535 ATAGCTTGGAGAGTGGAGATCAAGGCGATTGGGGAACCTGCTGTTTATGTC 6594
DB 508 AAGCTTGGAGAGTGGAGATCAAGGCGATTGGGGAACCTGCTGTTTATGTC 567
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAAGAACTAGAAAACGAAAGTCTCTTCT 6654
DB 568 TCTGAGAAATGCTTGGCTCTGAGCGAAGAACTAGAAAACGAAAGTCTCTTCT 627
QY 6655 GCCTTCTAAAGAAACAAATAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 6714
DB 628 GCCTTCTAAAGAAACAAATAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 687
QY 6715 GCTAACGCTCCATCATCATTTAGAGATTTCACATGAACCTGGCTCAGTTGAAAAGAAAA 6774
DB 688 GCTAACGCTCCATCATCATTTAGAGATTTCACATGAACCTGGCTCAGTTGAAAAGAAAA 747
QY 6775 TAGTGCAAGTCTGCTCATGAGACGAGGTAGACTTGTATACCAAGATTCATTGACA 6834
DB 748 TAGTGCAAGTCTGCTCATGAGACGAGGTAGACTTGTATACCAAGATTCATTGACA 807
QY 6835 ATATTTTATGTCACCTGATGATCAACAGAAAAATATGTACTTTAAAAAATTTGTTGAA 6894
DB 808 ATATTTTATGTCACCTGATGATCAACAGAAAAATATGTACTTTAAAAAATTTGTTGAA 867
QY 6895 AGAGGTTACCTCTCATCTTTAGAAAAAAGCTTATGTACTTTAAAAAATTTGTTGAA 6954
DB 868 AGAGGTTACCTCTCATCTTTAGAAAAAAGCTTATGTACTTTAAAAAATTTGTTGAA 927
QY 6955 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 7014
DB 928 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 987
QY 7015 ATATGATTTATTTATAGAAACATTTCTGCTATTGATATTT-AGTATAGGCAATAATA 7073
DB 988 ATATGATTTATTTATAGAAACATTTCTGCTATTGATATTTAGTATTAAGGCAATAATA 1047
QY 7074 ATTTATGCAATAACTATGGAACAAAGATATCTTTAGGCTTTAATAACACATGATATCA 7133
DB 1048 ATTTATGCAATAACTATGGAACAAAGATATCTTTAGGCTTTAATAACACATGATATCA 1107
QY 7134 TAAA 7137
DB 1108 TAAA 1111

RESULT 13
US-09-419-568F-9
Sequence 9, Application US/09419568F
Patent No. 6331613
GENERAL INFORMATION:
APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
APPLICANT: Renauld, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
TITLE OF INVENTION: (Tifs)
FILE REFERENCE: LUD 5543.2
CURRENT FILING DATE: 1999-10-18
PRIOR FILING DATE: 1999-07-16
CURRENT APPLICATION NUMBER: US09/419,568F
PRIOR APPLICATION NUMBER: US09/354,243
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 9
LENGTH: 1111
TYPE: DNA
ORGANISM: Mus musculus

FEATURE:
US-09-419-568F-9

Query Match 7.5%; Score 555.2; DB 4; Length 1111;
Best Local Similarity 96.0%; Pred. No. 4.2e-131;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;

QY 6535 ATAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTTGGGAACTGGAAGCTGCTGTTTATGTC 6594
Db 508 AAAGCTTGGAGAGAGCGGAGAGATCAAGCGGATCGGGAACTGGAAGCTGCTGTTTATGTC 567
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGGAGAGAGCTAGAAACGAGAACTGCTCCCTTCT 6654
Db 568 TCTGAGAAATGCTTGGCTCTGAGCGGAGAGAGCTAGAAACGAGAACTGCTCCCTTCT 627
QY 6655 GCCTTCTAAAGAAACAAATAGATCCCTGAATGGACTTTTTTACTAAAGAAAGTGGAGAA 6714
Db 628 GCCTTCTAAAGAAACAAATAGATCCCTGAATGGACTTTTTTACTAAAGAAAGTGGAGAA 687
QY 6715 GCTAACGTCATCATATTAGAGATTTTCATGTAACCTGGCTCAGTTGAAAGAAAGAAA 6774
Db 688 GCTAACGTCATCATATTAGAGATTTTCATGTAACCTGGCTCAGTTGAAAGAAAGAAA 747
QY 6775 TAGTGTCAAGTTGTCATGAGACGAGAGGTAGACTTTGATAACCAAGATTCATTGACA 6834
Db 748 TAGTGTCAAGTTGTCATGAGACGAGAGGTAGACTTTGATAACCAAGATTCATTGACA 807
QY 6835 ATATTTTATGTCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 6894
Db 808 ATATTTTATGTCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 867
QY 6895 AGGAGGTTACCTCTCACT 6954
Db 868 AGGAGGTTACCTCTCACT 927
QY 6955 TATTTATATATGTAAGTTTATTTATTAAGTATGATGATGATGATGATGATGATGATGAT 7014
Db 928 TATTTATATATGTAAGTTTATTTATTAAGTATGATGATGATGATGATGATGATGATGAT 987
QY 7015 ATATGGATTTATTTATAGAACTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 7073
Db 988 ATATGGATTTATTTATAGAACTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1047
QY 7074 ATTTATGACATTAATGTAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA 7133
Db 1048 ATTTATGACATTAATGTAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA 1107
QY 7134 TAAA 7137
Db 1108 TAAA 1111

RESULT 14
US-09-354-243B-9

; Sequence 9, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoulier, Laure
; APPLICANT: Louhe, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIPS)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 9
; LENGTH: 1111
; TYPE: DNA
; ORGANISM: Mus musculus

FEATURE:
US-09-354-243B-9

Query Match 7.5%; Score 555.2; DB 4; Length 1111;
Best Local Similarity 96.0%; Pred. No. 4.2e-131;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;

QY 6535 ATAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTTGGGAACTGGAAGCTGCTGTTTATGTC 6594
Db 508 AAAGCTTGGAGAGAGCGGAGAGATCAAGCGGATCGGGAACTGGAAGCTGCTGTTTATGTC 567
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGGAGAGAGCTAGAAACGAGAACTGCTCCCTTCT 6654
Db 568 TCTGAGAAATGCTTGGCTCTGAGCGGAGAGAGCTAGAAACGAGAACTGCTCCCTTCT 627
QY 6655 GCCTTCTAAAGAAACAAATAGATCCCTGAATGGACTTTTTTACTAAAGAAAGTGGAGAA 6714
Db 628 GCCTTCTAAAGAAACAAATAGATCCCTGAATGGACTTTTTTACTAAAGAAAGTGGAGAA 687
QY 6715 GCTAACGTCATCATATTAGAGATTTTCATGTAACCTGGCTCAGTTGAAAGAAAGAAA 6774
Db 688 GCTAACGTCATCATATTAGAGATTTTCATGTAACCTGGCTCAGTTGAAAGAAAGAAA 747
QY 6775 TAGTGTCAAGTTGTCATGAGACGAGAGGTAGACTTTGATAACCAAGATTCATTGACA 6834
Db 748 TAGTGTCAAGTTGTCATGAGACGAGAGGTAGACTTTGATAACCAAGATTCATTGACA 807
QY 6835 ATATTTTATGTCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 6894
Db 808 ATATTTTATGTCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 867
QY 6895 AGGAGGTTACCTCTCACT 6954
Db 868 AGGAGGTTACCTCTCACT 927
QY 6955 TATTTATATATGTAAGTTTATTTATTAAGTATGATGATGATGATGATGATGATGATGAT 7014
Db 928 TATTTATATATGTAAGTTTATTTATTAAGTATGATGATGATGATGATGATGATGATGAT 987
QY 7015 ATATGGATTTATTTATAGAACTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 7073
Db 988 ATATGGATTTATTTATAGAACTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1047
QY 7074 ATTTATGACATTAATGTAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA 7133
Db 1048 ATTTATGACATTAATGTAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA 1107
QY 7134 TAAA 7137
Db 1108 TAAA 1111

RESULT 15

US-09-870-574-1
; Sequence 1, Application US/09870574

; Patent No. 6551799
; GENERAL INFORMATION:
; APPLICANT: Gurney, Austin L.
; APPLICANT: Aggarwal, Sudeepa
; APPLICANT: Xie, Ming-Hong
; APPLICANT: Maruoka, Ellen M.
; APPLICANT: Foster, Jessica S.
; APPLICANT: Goddard, Audrey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: INTERLEUKIN-22 POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; FILE REFERENCE: P2806-1(US)
; CURRENT APPLICATION NUMBER: US/09/870,574
; CURRENT FILING DATE: 2001-05-30
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22

; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 1
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-870-574-1

Query Match 2.9%; Score 214.2; DB 4; Length 1152;
Best Local Similarity 70.9%; Pred. No. 1.8e-44;
Matches 450; Conservative 0; Mismatches 148; Indels 37; Gaps 11;

QY	6535	ATAGCTTGGAGAGATGAGAGATCAAGCGATGCGGAACTGGACCTGCTGTTATGTC	6594
Db	516	AAAGCTTGGAGAGATGAGAGATCAAGCAATGGAGAACTGGATTGCTGTTATGTC	575
QY	6595	TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGACTAGAAACCGAAGAACTGCTCTTCT	6654
Db	576	TCTGAGAAATGCTTGGCTTACCGAGAGCAAGCTGAAATGATTAATACCCCTTT	635
QY	6655	GCCTTCTAAAGAAACAATAAGATCCCTGAATGACTTTTTT-----ACTAAAGGAAAGTG	6710
Db	636	CCCTGTGAGAAATAACAATTAGATGCCCAAGCGATTTTTTTTACCAAAAGGAAAGTG	695
QY	6711	AGAAGCTAACGCTCCATCATCATTAGAGATTTCCACATGAACCTGGCTCAGTTGAAAAG	6770
Db	696	GGAGCCAACTCCATCATCATGATGGTGGATTCAAATGAACCCCTGCTAGTTACAAAG	755
QY	6771	AAATAGTGCAA--GTTGCCATGAGACGAG--AGGTAGACTTGATAACCAAAAGATTTC	6827
Db	756	GAAACCAATGCCACTTTTGTATTATAAGACGAGAGGTAGACTTCTAAGCATAGATAITTT	815
QY	6828	ATTGACAATATTTTATTGTCACTGATG----ATACACAGAAAAATATGTACTTTAAA	6883
Db	816	ATTGATAACATTTTCAITGTAACCTGGTCTTATACACAGAAACAAATTTATTTTAAAT	875
QY	6884	AATTGTTT-----GAAAGGAGGTTACCTCTCATTCCTTTA---GAAAAAAGCTTATG	6933
Db	876	AATTGCTTTTTCATATAAAAGATTACTTCCATTCCTTTAGGGGAAAAAACCCCTAAA	935
QY	6934	TAACTTCA--TTTCCATATCCAAATATTTATATATATATATATATATATATATATAT	6990
Db	936	TAGCTTCATGTTTCCATAATCAGTACTTTATATATATATATATATATATATATATATA	995
QY	6991	-----CATTTTATTTATGTCAGTTTATTAATATGATTTTATTTATAGAAACATTATCTGC	7045
Db	996	GACTGCATTTTATTTATATCATTTTATTAATATGATTTTATTTATAGAAACATCATTCGA	1055
QY	7046	TATTGATA--TTTAGTATAAGGCAATA---ATATTTATGCAATAACTATGG----AAAC	7097
Db	1056	TATTGCTACTGTAGTGAAGGCTAATATTGATATTTATGCAATAATTTATAGAGCTATAA	1115
QY	7098	AAGATATCTTAGGCTTTAATAACACATGGATATC	7132
Db	1116	CATGTTTATTGACCTCAATAAACACTTGGATATC	1150

Search completed: February 11, 2004, 00:26:52
Job time : 456.787 secs

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OM nucleic - nucleic search, using sw model

Run on: February 11, 2004, 00:09:26 ; Search time 223.387 Seconds
(without alignments)
11378.044 Million cell updates/sec

Title: US-09-751-797-24

Perfect score: 690

Sequence: 1 tgcacagcagaattcttag.....gatgccccaaagcgattttt 690

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 2443703 seqs, 1841816367 residues

Total number of hits satisfying chosen parameters: 4899406

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA:*
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18: /cgn2_6/prodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	690	100.0	690	9	US-09-751-797-24
2	676	98.0	1152	10	US-09-870-574-1
3	676	98.0	1152	12	US-10-232-246-243
4	676	98.0	1152	12	US-10-230-130-243
5	676	98.0	1152	13	US-10-063-735-153
6	676	98.0	1152	13	US-10-216-163-243
7	676	98.0	1152	13	US-10-063-526-153
8	676	98.0	1152	13	US-10-066-198-125
9	676	98.0	1152	13	US-10-063-586-153
10	676	98.0	1152	13	US-10-063-510-153
11	676	98.0	1152	13	US-10-063-514-153
12	676	98.0	1152	13	US-10-063-516-153
13	676	98.0	1152	13	US-10-063-523-153
14	676	98.0	1152	13	US-10-063-527-153
15	676	98.0	1152	13	US-10-063-528-153

ALIGNMENTS

RESULT 1

US-09-751-797-24
; Sequence 24, Application US/09751797
; Patent No. US2001002452A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TIPs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751,797
; PRIOR FILING DATE: 2000-12-29
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 24
; LENGTH: 690
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-751-797-24

Query Match 100.0%; Score 690; DB 9; Length 690;
Best Local Similarity 100.0%; Pred. No. 1e-220;
Matches 690; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	TGCACAGCAGAGATCTTTCAGACAGAGTTCTCCCTCCCGAGTCCAGGTTCTCTGAGTTAG	60
Db	1	TGCACAGCAGAGATCTTTCAGACAGAGTTCTCCCTCCCGAGTCCAGGTTCTCTGAGTTAG	60
QY	61	AATGTCTGCAATGGCGCCCTGCAGAAATCTGTAGCTTTTCCCTATGGGACCGCTGG	120
Db	61	AATGTCTGCAATGGCGCCCTGCAGAAATCTGTAGCTTTTCCCTATGGGACCGCTGG	120
QY	121	CCACCAGCTCCCTCTCTTGGCCCTCTTGTGTACAGGAGGAGGAGCTGGCCCCATCA	180

16	676	98.0	1152	13	US-10-063-529-153	Sequence 153, App
17	676	98.0	1152	13	US-10-063-536-153	Sequence 153, App
18	676	98.0	1152	13	US-10-063-540-153	Sequence 153, App
19	676	98.0	1152	13	US-10-063-546-153	Sequence 153, App
20	676	98.0	1152	13	US-10-063-562-153	Sequence 153, App
21	676	98.0	1152	13	US-10-063-564-153	Sequence 153, App
22	676	98.0	1152	13	US-10-063-565-153	Sequence 153, App
23	676	98.0	1152	13	US-10-063-568-153	Sequence 153, App
24	676	98.0	1152	13	US-10-063-570-153	Sequence 153, App
25	676	98.0	1152	13	US-10-063-577-153	Sequence 153, App
26	676	98.0	1152	13	US-10-063-579-153	Sequence 153, App
27	676	98.0	1152	13	US-10-063-581-153	Sequence 153, App
28	676	98.0	1152	13	US-10-063-583-153	Sequence 153, App
29	676	98.0	1152	13	US-10-063-584-153	Sequence 153, App
30	676	98.0	1152	13	US-10-063-587-153	Sequence 153, App
31	676	98.0	1152	13	US-10-063-589-153	Sequence 153, App
32	676	98.0	1152	13	US-10-063-591-153	Sequence 153, App
33	676	98.0	1152	13	US-10-063-592-153	Sequence 153, App
34	676	98.0	1152	13	US-10-063-596-153	Sequence 153, App
35	676	98.0	1152	13	US-10-063-597-153	Sequence 153, App
36	676	98.0	1152	13	US-10-063-600-153	Sequence 153, App
37	676	98.0	1152	13	US-10-063-602-153	Sequence 153, App
38	676	98.0	1152	13	US-10-063-604-153	Sequence 153, App
39	676	98.0	1152	13	US-10-063-606-153	Sequence 153, App
40	676	98.0	1152	13	US-10-063-609-153	Sequence 153, App
41	676	98.0	1152	13	US-10-063-610-153	Sequence 153, App
42	676	98.0	1152	13	US-10-063-611-153	Sequence 153, App
43	676	98.0	1152	13	US-10-063-611-153	Sequence 153, App
44	676	98.0	1152	13	US-10-063-611-153	Sequence 153, App
45	676	98.0	1152	13	US-10-063-611-153	Sequence 153, App

;; PRIOR APPLICATION NUMBER: 60/059113
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/062287
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063549
;; PRIOR FILING DATE: 1997-10-28
;; PRIOR APPLICATION NUMBER: 60/064103
;; PRIOR FILING DATE: 1997-10-31
;; PRIOR APPLICATION NUMBER: 60/069873
;; PRIOR FILING DATE: 1997-12-17
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 246
;; SEQ ID NO 243
;; LENGTH: 1152
;; TYPE: DNA
;; ORGANISM: Homo Sapien
US-10-232-226-243

Query Match 98.0%; Score 676; DB 12; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 15 CTTGAGAACAGGTTCTCCCTCCAGTCACACAGTGTCTCGAGTTAGAAATGTCGAATG 74
Db 1 CTTGAGAACAGGTTCTCCCTCCAGTCACACAGTGTCTCGAGTTAGAAATGTCGAATG 60
QY 75 GCGGCCCTCAGAAATCTGTAGCTCTTCCCTTATGGGACCCCTGGCCACCAAGTGCCTC 134
Db 61 GCGGCCCTCAGAAATCTGTAGCTCTTCCCTTATGGGACCCCTGGCCACCAAGTGCCTC 120
QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTGGCCCATCAGCTCCACCTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTGGCCCATCAGCTCCACCTGCAGG 180
QY 195 CTTGACAAATCCAACTTCAGAGCCCTATATCACCAACCGCACCTTCATGCTGGCTAAG 254
Db 181 CTTGACAAATCCAACTTCAGAGCCCTATATCACCAACCGCACCTTCATGCTGGCTAAG 240
QY 255 GAGGCTAGCTGGCTGATACACACAGAGCTTCTCTCATTTGGGAGAACTGTTCAC 314
Db 241 GAGGCTAGCTGGCTGATACACACAGAGCTTCTCTCATTTGGGAGAACTGTTCAC 300
QY 315 GGAGTCAGTATGAGTCAGGCGCTGCTATCTGATGAAGCAGGTGCTGAACCTTCACCTTGAA 374
Db 301 GGAGTCAGTATGAGTCAGGCGCTGCTATCTGATGAAGCAGGTGCTGAACCTTCGAA 360
QY 375 GAAGTCTGTTCCCTCAATCTGATAGTTCCAGCCTTATATGACAGAGGTGTGCCCTTC 434
Db 361 GAAGTCTGTTCCCTCAATCTGATAGTTCCAGCCTTATATGACAGAGGTGTGCCCTTC 420
QY 435 CTGGCCAGGCTCAGCAACAGGCTTAAGCAGATGTCTATTTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTTAAGCAGATGTCTATTTGAAGGTGATGACCTGCATATC 480
QY 495 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAAGAAAGCTTGGAGAGGTGGAGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAAGAAAGCTTGGAGAGGTGGAGAGATC 540
QY 555 AAAGCAATTTGGAGAACTGGATTTGCTTTATGTTCTCTGAGAAATGCTGCAATTTGACCA 614
Db 541 AAAGCAATTTGGAGAACTGGATTTGCTTTATGTTCTCTGAGAAATGCTGCAATTTGACCA 600
QY 615 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAAATTAGATG 674
Db 601 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAAATTAGATG 660

QY 675 CCCCAAGCGATTTT 690
Db 661 CCCCAAGCGATTTT 676
RESULT 4
US-10-230-130-243
;; Sequence 243, Application US/10230130
;; Publication No. US20040019183A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Gerritsen, Mary
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stephan, Jean-Philippe F.
;; APPLICANT: Watanabe, Colin L.
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;; FILE REFERENCE: P3530P1C101
;; CURRENT APPLICATION NUMBER: US/10/230,130
;; CURRENT FILING DATE: 2002-08-28
;; PRIOR APPLICATION NUMBER: 10/119,480
;; PRIOR FILING DATE: 2002-04-09
;; PRIOR APPLICATION NUMBER: 60/059113
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/062287
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063549
;; PRIOR FILING DATE: 1997-10-28
;; PRIOR APPLICATION NUMBER: 60/064103
;; PRIOR FILING DATE: 1997-10-31
;; PRIOR APPLICATION NUMBER: 60/069873
;; PRIOR FILING DATE: 1997-12-17
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 246
;; SEQ ID NO 243
;; LENGTH: 1152
;; TYPE: DNA
;; ORGANISM: Homo Sapien
US-10-230-130-243

Query Match 98.0%; Score 676; DB 12; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 15 CTTGAGAACAGGTTCTCCCTCCAGTCACACAGTGTCTCGAGTTAGAAATGTCGAATG 74
Db 1 CTTGAGAACAGGTTCTCCCTCCAGTCACACAGTGTCTCGAGTTAGAAATGTCGAATG 60
QY 75 GCGGCCCTCAGAAATCTGTAGCTCTTCCCTTATGGGACCCCTGGCCACCAAGTGCCTC 134
Db 61 GCGGCCCTCAGAAATCTGTAGCTCTTCCCTTATGGGACCCCTGGCCACCAAGTGCCTC 120
QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTGGCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTGGCCCATCAGCTCCCACTGCAGG 180
QY 195 CTTGACAAATGTCGAATTTGATGAGTGTATATCAGCAACCGCACCTTCATGCTGGCTAAG 254

Db 181 CTTGACAAAGTCCAACTTCCAGCGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 240
 QY 255 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 314
 Db 241 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 300
 QY 315 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 374
 Db 301 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 360
 QY 375 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 434
 Db 361 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 420
 QY 435 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTTGAAGGTGATGACCTGCATATC 494
 Db 421 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTTGAAGGTGATGACCTGCATATC 480
 QY 495 CAGAGGAATGTGCAAAAGCTGAGGACACAGTGAAGAAAGCTTGGAGAGAGTGAGAGATC 554
 Db 481 CAGAGGAATGTGCAAAAGCTGAGGACACAGTGAAGAAAGCTTGGAGAGAGTGAGAGATC 540
 QY 555 AAAGCAATTTGGAGAACTGGATTTGCTGTTTATGCTCTCGAGAAATGCCCTGCATTTGACCA 614
 Db 541 AAAGCAATTTGGAGAACTGGATTTGCTGTTTATGCTCTCGAGAAATGCCCTGCATTTGACCA 600
 QY 615 GAGCAAGCTGAAATGATGATTAACCTAACCCCTTCCCTGCTAGAAATGAATTAAGATG 674
 Db 601 GAGCAAGCTGAAATGATGATTAACCTAACCCCTTCCCTGCTAGAAATGAATTAAGATG 660
 QY 675 CCCCAGGCGATTTT 690
 Db 661 CCCCAGGCGATTTT 676

RESULT 5

US-10-063-735-153
 ; Sequence 153, Application US/10063735
 ; Publication No. US20030138882A1
 ; GENERAL INFORMATION:

; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,735
 ; CURRENT FILING DATE: 2002-05-08
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 153
 ; LENGTH: 1152
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-063-735-153

Query Match 98.0%; Score 676; DB 13; Length 1152;

Best Local Similarity 100.0%; Pred. No. 7e-216;

Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGACAAAGTTCCTTCCAGTCCACAGTTCCTGAGTGAATTTGCTCAATG 74
 Db 1 CTTGACAAAGTTCCTTCCAGTCCACAGTTCCTGAGTGAATTTGCTCAATG 60
 QY 75 GCGCCCTGAGAAATCTGTGAGCTCTTTCCTTATGGGACCCCTGCCACAGCTGCCTC 134
 Db 61 GCGCCCTGAGAAATCTGTGAGCTCTTTCCTTATGGGACCCCTGCCACAGCTGCCTC 120

QY 135 CTTCTTTGGCCCTCTTGGTACAGGAGGAGAGCTGGCCCATCAGCTCCCACTGAGG 194
 Db 121 CTTCTTTGGCCCTCTTGGTACAGGAGGAGAGCTGGCCCATCAGCTCCCACTGAGG 180
 QY 195 CTTGACAAAGTTCCTTCCAGCAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 254
 Db 181 CTTGACAAAGTTCCTTCCAGCAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 240
 QY 255 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 314
 Db 241 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 300
 QY 315 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 374
 Db 301 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 360
 QY 375 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 434
 Db 361 GAGCTAGCTTGGCTGATACAAACACAGAGCTTCTGCTCATTTGGGGAGAACTGTTCAC 420
 QY 435 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTTGAAGGTGATGACCTGCATATC 494
 Db 421 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTTGAAGGTGATGACCTGCATATC 480
 QY 495 CAGAGGAATGTGCAAAAGCTGAGGACACAGTGAAGAAAGCTTGGAGAGAGTGAGAGATC 554
 Db 481 CAGAGGAATGTGCAAAAGCTGAGGACACAGTGAAGAAAGCTTGGAGAGAGTGAGAGATC 540
 QY 555 AAAGCAATTTGGAGAACTGGATTTGCTGTTTATGCTCTCGAGAAATGCCCTGCATTTGACCA 614
 Db 541 AAAGCAATTTGGAGAACTGGATTTGCTGTTTATGCTCTCGAGAAATGCCCTGCATTTGACCA 600
 QY 615 GAGCAAGCTGAAATGATGATTAACCTAACCCCTTCCCTGCTAGAAATGAATTAAGATG 674
 Db 601 GAGCAAGCTGAAATGATGATTAACCTAACCCCTTCCCTGCTAGAAATGAATTAAGATG 660
 QY 675 CCCCAGGCGATTTT 690
 Db 661 CCCCAGGCGATTTT 676

RESULT 6

US-10-216-163-243
 ; Sequence 243, Application US/10216163
 ; Publication No. US20030149239A1
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Gerritsen, Mary
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stephan, Jean-Philippe F.
 ; APPLICANT: Watanabe, Colin L.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3530P1C3
 ; CURRENT APPLICATION NUMBER: US/10/216,163
 ; CURRENT FILING DATE: 2002-08-09
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 153
 ; LENGTH: 1152
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-216-163-243

Query Match 98.0%; Score 676; DB 13; Length 1152;

Best Local Similarity 100.0%; Pred. No. 7e-216;

Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGACAAAGTTCCTTCCAGTCCACAGTTCCTGAGTGAATTTGCTCAATG 74
 Db 1 CTTGACAAAGTTCCTTCCAGTCCACAGTTCCTGAGTGAATTTGCTCAATG 60
 QY 75 GCGCCCTGAGAAATCTGTGAGCTCTTTCCTTATGGGACCCCTGCCACAGCTGCCTC 134
 Db 61 GCGCCCTGAGAAATCTGTGAGCTCTTTCCTTATGGGACCCCTGCCACAGCTGCCTC 120

QY 675 CCCCCAGCGATTTT 690
Db 661 CCCCCAGCGATTTT 676

RESULT 8

US-10-066-198-125
; Sequence 125, Application US/10066198
; Publication No. US20030170721A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi
; APPLICANT: Kevin P. Baker
; APPLICANT: David A. Botstein
; APPLICANT: Luc Desnoyers
; APPLICANT: Dan L. Eaton
; APPLICANT: Napoleone Ferrara
; APPLICANT: Sherman Fong
; APPLICANT: Wei-Qiang Gao
; APPLICANT: Hanspeter Gerber
; APPLICANT: Mary E. Gerritsen
; APPLICANT: Audrey Goddard
; APPLICANT: Paul J. Godowski
; APPLICANT: Austin L. Gurney
; APPLICANT: Ivar J. Kijavlin
; APPLICANT: Jennie P. Mather
; APPLICANT: Mary A. Napier
; APPLICANT: James Pan
; APPLICANT: Nicholas F. Paoni
; APPLICANT: Margaret Ann Roy
; APPLICANT: Timothy A. Stewart
; APPLICANT: Daniel Tumas
; APPLICANT: Colin K. Watanabe
; APPLICANT: P. Mickey Williams
; APPLICANT: William I. Wood
; APPLICANT: Zemin Zang
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: F3130R1C6
; CURRENT APPLICATION NUMBER: US/10/066,198
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: 10/002,796
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066840
; PRIOR FILING DATE: 1997-11-25
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/074086
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/095998
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/097000
; PRIOR FILING DATE: 1998-08-18
; PRIOR APPLICATION NUMBER: 60/099601
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100858
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101922
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/106032
; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/109304
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: 60/125778
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/139695
; PRIOR FILING DATE: 1999-06-15
; PRIOR APPLICATION NUMBER: 60/145070
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/149396
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 08/918874
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 08/933821
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 08/960507
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 09/114844
; PRIOR FILING DATE: 1998-07-14
; PRIOR APPLICATION NUMBER: 09/136801
; PRIOR FILING DATE: 1998-08-19
; PRIOR APPLICATION NUMBER: 09/136804
; PRIOR FILING DATE: 1998-08-19
; PRIOR APPLICATION NUMBER: 09/136828
; PRIOR FILING DATE: 1998-08-19
; PRIOR APPLICATION NUMBER: 09/158342
; PRIOR FILING DATE: 1998-09-21
; PRIOR APPLICATION NUMBER: 09/180997
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 09/202088
; PRIOR FILING DATE: 1998-12-08
; PRIOR APPLICATION NUMBER: 09/254311
; PRIOR FILING DATE: 1999-03-03
; PRIOR APPLICATION NUMBER: 09/254460
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: 09/254465
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 09/284663
; PRIOR FILING DATE: 1999-04-15
; PRIOR APPLICATION NUMBER: 09/332928
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: 09/332929
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: 09/333075
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: 09/333077
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: 09/380137
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/380138
; PRIOR FILING DATE: 1999-08-25

QY	135	CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTGGGCCCATCAGCTCCCACTGCAGG	194
DB	121	CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTGGGCCCATCAGCTCCCACTGCAGG	180
QY	195	CTTGACAAGTCCAACTTCCAGCAGGCCCTATATACCAACCCGACCTTATGCTGGCTTAAG	254
DB	181	CTTGACAAGTCCAACTTCCAGCAGGCCCTATATACCAACCCGACCTTATGCTGGCTTAAG	240
QY	255	GAGGCTAGCTTGGCTGATTAACAACACAGACGTTCTCTCATTTGGGGAGAAACTGTTCCAC	314
DB	241	GAGGCTAGCTTGGCTGATTAACAACACAGACGTTCTCTCATTTGGGGAGAAACTGTTCCAC	300
QY	315	GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGGTCGTAACCTTACCCCTTGA	374
DB	301	GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGGTCGTAACCTTACCCCTTGA	360
QY	375	GAAGTGCTCTTCCCTCAATCTGATAGTTCCAGCCCTTATATGCAGAGGTCGTCCTTC	434
DB	361	GAAGTGCTCTTCCCTCAATCTGATAGTTCCAGCCCTTATATGCAGAGGTCGTCCTTC	420
QY	435	CTGGCCAGGCTCAGCAACAGGCTAAGCACAATGTCATATGTAAGGTGATGACCTGCATATC	494
DB	421	CTGGCCAGGCTCAGCAACAGGCTAAGCACAATGTCATATGTAAGGTGATGACCTGCATATC	480
QY	495	CAGAGGAATGTGCAAAAGCTGAAGCAGACAGTGAAAAAGCTTGGAGAGAGTGAGAGATC	554
DB	481	CAGAGGAATGTGCAAAAGCTGAAGCAGACAGTGAAAAAGCTTGGAGAGAGTGAGAGATC	540
QY	555	AAAGCAATTTGGAGAACTGGATTGCTGTTTATGCTCTCTGAGAAATGCTGCAATTGACCA	614
DB	541	AAAGCAATTTGGAGAACTGGATTGCTGTTTATGCTCTCTGAGAAATGCTGCAATTGACCA	600
QY	615	GAGCAAGCTGAAAATGAATAACTAAACCCCTTCCCTGCTAGAAATGCAATTTAGATG	674
DB	601	GAGCAAGCTGAAAATGAATAACTAAACCCCTTCCCTGCTAGAAATGCAATTTAGATG	660
QY	675	CCCCAAGCGATTTTT	690
DB	661	CCCCAAGCGATTTTT	676
RESULT 9			
US-10-063-586-153			
; Sequence 153, Application US/10063586			
; Publication No. US20030176684A1			
; GENERAL INFORMATION:			
; APPLICANT: Eaton, Dan L.			
; APPLICANT: Filvaroff, Ellen			
; APPLICANT: Gerritsen, Mary E.			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, Christopher J.			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Watanabe, Colin K.			
; APPLICANT: Wood, William I.			
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC			
; FILE OF INVENTION: ACIDS ENCODING THE SAME			
; FILE REFERENCE: P3230R1C1			
; CURRENT APPLICATION NUMBER: US/10/063.586			
; CURRENT FILING DATE: 2002-05-03			

QY	15	CTTCAGAACAGGTTCTCTCTTCCCGAGTCAACAGTTGCTCGAGTTAGAAATTTGCTGCAATG	74
Db	1	CTTCAAGAACAGGTTCTCTCTTCCCGAGTCAACAGTTGCTCGAGTTAGAAATTTGCTGCAATG	60
QY	75	GCGCCCTCGAGAAATCTGTGAGCTCTTTCTTATGGGACCTTGGCCACACAGCTGCCTC	134
Db	61	GCGCCCTCGAGAAATCTGTGAGCTCTTTCTTATGGGACCTTGGCCACACAGCTGCCTC	120
QY	135	CTTCTCTTTGGCCCTCTTGGTACAGGAGGAGCAGCTGGGCCCATCAGCTCCCACTCGAGS	194
Db	121	CTTCTCTTTGGCCCTCTTGGTACAGGAGGAGCAGCTGGGCCCATCAGCTCCCACTCGAGS	180
QY	195	CTTTGCAAGTCCAACTTCACGAGCCCTATATACCAACCGCACCTTCATGCTGGGCTAAG	254
Db	181	CTTTGCAAGTCCAACTTCAGAGCGCCCTATATACCAACCGCACCTTCATGCTGGGCTAAG	240
QY	255	GAGGCTAGCTTGGCTGTATAACAACACAGACGTTCTCTCATTTGGGGAGAAACTGTTCCAC	314
Db	241	GAGGCTAGCTTGGCTGTATAACAACACAGACGTTCTCTCATTTGGGGAGAAACTGTTCCAC	300
QY	315	GAGATCAGTATCAGTGAGCGCTGCTATCTGTATGAAGCAGAGTGTGCTGAACCTTCACCCCTGAA	374
Db	301	GAGATCAGTATGAGTGAGCGCTGCTATCTGTATGAAGCAGAGTGTGCTGAACCTTCACCCCTGAA	360
QY	375	GAGTGTCTGTTCCCTCAATCTGATAGGTTCCAGCGCTTATATGCAGGAGGTTGGTGCCTTTC	434
Db	361	GAGTGTCTGTTCCCTCAATCTGATAGGTTCCAGCGCTTATATGCAGGAGGTTGGTGCCTTTC	420
QY	435	CTGGCCAGGCTCAGCAACAGCGTAAACATGTCTATTTGAAGTGTATGACCTTGCATATC	494
Db	421	CTGGCCAGGCTCAGCAACAGCGTAAACATGTCTATTTGAAGTGTATGACCTTGCATATC	480
QY	495	CAGAGGAATGTCAAAAGCTGAAGCACACAGTGAATAAGCTTTGGAGAGAGTGCAGAGATC	554
Db	481	CAGAGGAATGTCAAAAGCTGNAAGCACACAGTGAATAAGCTTTGGAGAGAGTGCAGAGATC	540
QY	555	AAAGCAATTTGGAGAACTGGATTTGCTGTTTATGTTCTCTGAGAAATGCCTGCATTTGACCA	614
Db	541	AAAGCAATTTGGAGAACTGGATTTGCTGTTTATGTTCTCTGAGAAATGCCTGCATTTGACCA	600
QY	615	GAGCAAAAGCTGAAAAATCAATAACTTAACCCCTTTCCCTCTCTGAAATACAAATTAGATG	674
Db	601	GAGCAAAAGCTGAAAAATCAATAACTTAACCCCTTTCCCTCTCTGAAATACAAATTAGATG	660
QY	675	CCCCAAAGCGATTTTT	690
Db	661	CCCCAAAGCGATTTTT	676

RESULT 10

```

RESOLUTION 10
/ Sequence 153, Application US/10063510
/ Publication No. US20030180837A1
/ GENERAL INFORMATION:
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSFERRED
/ TITLE OF INVENTION: ACIDS ENCODING 1
/ FILE REFERENCE: P3230R1C1
/ CURRENT APPLICATION NUMBER: US/10/063510
/ CURRENT FILING DATE: 2002-05-01
/ Prior Application removed - See File
/ NUMBER OF SEQ ID NOS: 170

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RESIST 11

```

RESULT 11
US-10-063-514-153
; Sequence 153, Application US/10063514
; Publication No. US20030181707A1
; GENERAL INFORMATION:
; APPLICANT: Eaton,Dan L.
; APPLICANT: Filvaroff,Ellen
; APPLICANT: Gertitsen,Mary E.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Grimaldi,Christopher J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Watanabe,Colin K.
; APPLICANT: Wood,William I.
; TITLE OF INVENTION: SECRETED AND TRAN
; TITLE OF INVENTION: ACIDS ENCODING
; FILE REFERENCE: P3230R1C1

```

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; CURRENT APPLICATION NUMBER: US/10/063,514
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-514-153

Query Match      98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTTCAGAACAGGTTCTCCCTCCAGTCACAGTTCGCTGAGTTAGAAATGCTGCAATG 74
Db 1 CTTTCAGAACAGGTTCTCCCTCCAGTCACAGTTCGCTGAGTTAGAAATGCTGCAATG 60

QY 75 GCGGCCCTGCAGAAATCTGTGAGCTCTTCCCTATGAGGACCTGCGCCACAGCTGCCTC 134
Db 61 GCGGCCCTGCAGAAATCTGTGAGCTCTTCCCTATGAGGACCTGCGCCACAGCTGCCTC 120

QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGTTCGCCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGTTCGCCCCATCAGCTCCCACTGCAGG 180

QY 195 CTTGACAAGTCCAACTTCCAGAGCCCTATATACCAACCGCAGCTTCATGCTGCTTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGAGCCCTATATACCAACCGCAGCTTCATGCTGCTTAAG 240

QY 255 GAGGCTAGCTTGGCTGATACCAACAGAGCTTCGCTCATTTGGGGAGAACTGTTCCAC 314
Db 241 GAGGCTAGCTTGGCTGATACCAACAGAGCTTCGCTCATTTGGGGAGAACTGTTCCAC 300

QY 315 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 434
Db 361 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 420

QY 435 CTGGCCAGGCTCAGCAACAGGCTAAGCACAATGTCATATGAGGAGTGGTGCCTTC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTAAGCACAATGTCATATGAGGAGTGGTGCCTTC 480

QY 495 CAGGGAATGTGCAAAAGCTGAAAGGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATC 554
Db 481 CAGGGAATGTGCAAAAGCTGAAAGGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATC 540

QY 555 AAAGCAATTTGGAGAACTGGATTGCTTTATGTTCTCTGAGAAATGCCCTGCAATTTGACCA 614
Db 541 AAAGCAATTTGGAGAACTGGATTGCTTTATGTTCTCTGAGAAATGCCCTGCAATTTGACCA 600

QY 615 GAGCAAAAGCTGAAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATG 674
Db 601 GAGCAAAAGCTGAAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATG 660

QY 675 CCCCCAAGCGATTTTT 690
Db 661 CCCCCAAGCGATTTTT 676
```

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RESULT 12
US-10-063-514-153
; Sequence 153, Application US/10063516
; Publication No. US20030181708A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
```

```
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,516
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-516-153

Query Match      98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTTCAGAACAGGTTCTCCCTCCAGTCACAGTTCGCTGAGTTAGAAATGCTGCAATG 74
Db 1 CTTTCAGAACAGGTTCTCCCTCCAGTCACAGTTCGCTGAGTTAGAAATGCTGCAATG 60

QY 75 GCGGCCCTGCAGAAATCTGTGAGCTCTTCCCTATGAGGACCTGCGCCACAGCTGCCTC 134
Db 61 GCGGCCCTGCAGAAATCTGTGAGCTCTTCCCTATGAGGACCTGCGCCACAGCTGCCTC 120

QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGTTCGCCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGTTCGCCCCATCAGCTCCCACTGCAGG 180

QY 195 CTTGACAAGTCCAACTTCCAGAGCCCTATATACCAACCGCAGCTTCATGCTGCTTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGAGCCCTATATACCAACCGCAGCTTCATGCTGCTTAAG 240

QY 255 GAGGCTAGCTTGGCTGATACCAACAGAGCTTCGCTCATTTGGGGAGAACTGTTCCAC 314
Db 241 GAGGCTAGCTTGGCTGATACCAACAGAGCTTCGCTCATTTGGGGAGAACTGTTCCAC 300

QY 315 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 434
Db 301 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 360

QY 375 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 434
Db 361 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 420

QY 435 CTGGCCAGGCTCAGCAACAGGCTAAGCACAATGTCATATGAGGAGTGGTGCCTTC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTAAGCACAATGTCATATGAGGAGTGGTGCCTTC 480

QY 495 CAGGGAATGTGCAAAAGCTGAAAGGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATC 554
Db 481 CAGGGAATGTGCAAAAGCTGAAAGGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATC 540

QY 555 AAAGCAATTTGGAGAACTGGATTGCTTTATGTTCTCTGAGAAATGCCCTGCAATTTGACCA 614
Db 541 AAAGCAATTTGGAGAACTGGATTGCTTTATGTTCTCTGAGAAATGCCCTGCAATTTGACCA 600

QY 615 GAGCAAAAGCTGAAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATG 674
Db 601 GAGCAAAAGCTGAAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATG 660

QY 675 CCCCCAAGCGATTTTT 690
Db 661 CCCCCAAGCGATTTTT 676
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RESULT 13
US-10-063-523-153
; Sequence 153, Application US/10063523
```

```
; Publication No. US20030181636A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,523
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-523-153

Query Match      98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGAGAACAGGTTCTCCCTCCAGTCACAGTCACAGTGTGCTGAGTTAGTAATGTCTGCAATG 74
Db 1 CTTGAGAACAGGTTCTCCCTCCAGTCACAGTGTGCTGAGTTAGTAATGTCTGCAATG 60

QY 75 GCGCCCTCGAGAAATCTGTGAGCTCTTCTTATGGGACCCCTGGCCACAGCTGCCTC 134
Db 61 GCGCCCTCGAGAAATCTGTGAGCTCTTCTTATGGGACCCCTGGCCACAGCTGCCTC 120

QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGGCCATGAGTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGGCCATGAGTCCCACTGCAGG 180

QY 195 CTTGACAAGTCCAACTTCCAGCAGCCCTATATCACCACCGACCTTCATGCTGGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGCAGCCCTATATCACCACCGACCTTCATGCTGGCTAAG 240

QY 255 GAGCTAGCTTGGCTGATATCAACACAGAGCTTCTCATTTGGGGAGAACTGTTCCAC 314
Db 241 GAGCTAGCTTGGCTGATATCAACACAGAGCTTCTCATTTGGGGAGAACTGTTCCAC 300

QY 315 GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGTGTGAACTTCACCCCTGAA 374
Db 301 GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGTGTGAACTTCACCCCTGAA 360

QY 375 GAACTGTGTTCCCTCAATCTGATAGTTCACGCTTATATGAGGAGGTGGTGCCTTC 434
Db 361 GAACTGTGTTCCCTCAATCTGATAGTTCACGCTTATATGAGGAGGTGGTGCCTTC 420

QY 435 CTGCCCAGGCTCAGCAACAGGCTAAGCATGTCTATTTGAAGGTGATGACCTGCATATC 494
Db 421 CTGCCCAGGCTCAGCAACAGGCTAAGCATGTCTATTTGAAGGTGATGACCTGCATATC 480

QY 495 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAACTTGGAGAGGTGGAGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAACTTGGAGAGGTGGAGAGATC 540

QY 555 AAGCAATTTGAGAACTGGATTTGCTTTATGCTCTGAGAAATGCTGCAATTTGACCA 614
Db 541 AAGCAATTTGAGAACTGGATTTGCTTTATGCTCTGAGAAATGCTGCAATTTGACCA 600

QY 615 GAGCAAGCTGAAATGAATACTAACCCCTTTCCCTGCTAGAAATAACCAATTAGATG 674
Db 601 GAGCAAGCTGAAATGAATACTAACCCCTTTCCCTGCTAGAAATAACCAATTAGATG 660

QY 675 CCCCAAGCGATTTTTT 690
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; Publication No. US20030181636A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,523
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-523-153

Query Match      98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGAGAACAGGTTCTCCCTCCAGTCACAGTCACAGTGTGCTGAGTTAGTAATGTCTGCAATG 74
Db 1 CTTGAGAACAGGTTCTCCCTCCAGTCACAGTGTGCTGAGTTAGTAATGTCTGCAATG 60

QY 75 GCGCCCTCGAGAAATCTGTGAGCTCTTCTTATGGGACCCCTGGCCACAGCTGCCTC 134
Db 61 GCGCCCTCGAGAAATCTGTGAGCTCTTCTTATGGGACCCCTGGCCACAGCTGCCTC 120

QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGGCCATGAGTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGGCCATGAGTCCCACTGCAGG 180

QY 195 CTTGACAAGTCCAACTTCCAGCAGCCCTATATCACCACCGACCTTCATGCTGGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGCAGCCCTATATCACCACCGACCTTCATGCTGGCTAAG 240

QY 255 GAGCTAGCTTGGCTGATATCAACACAGAGCTTCTCATTTGGGGAGAACTGTTCCAC 314
Db 241 GAGCTAGCTTGGCTGATATCAACACAGAGCTTCTCATTTGGGGAGAACTGTTCCAC 300

QY 315 GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGTGTGAACTTCACCCCTGAA 374
Db 301 GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGTGTGAACTTCACCCCTGAA 360

QY 375 GAACTGTGTTCCCTCAATCTGATAGTTCACGCTTATATGAGGAGGTGGTGCCTTC 434
Db 361 GAACTGTGTTCCCTCAATCTGATAGTTCACGCTTATATGAGGAGGTGGTGCCTTC 420

QY 435 CTGCCCAGGCTCAGCAACAGGCTAAGCATGTCTATTTGAAGGTGATGACCTGCATATC 494
Db 421 CTGCCCAGGCTCAGCAACAGGCTAAGCATGTCTATTTGAAGGTGATGACCTGCATATC 480

QY 495 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAACTTGGAGAGGTGGAGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAACTTGGAGAGGTGGAGAGATC 540

QY 555 AAGCAATTTGAGAACTGGATTTGCTTTATGCTCTGAGAAATGCTGCAATTTGACCA 614
Db 541 AAGCAATTTGAGAACTGGATTTGCTTTATGCTCTGAGAAATGCTGCAATTTGACCA 600

QY 615 GAGCAAGCTGAAATGAATACTAACCCCTTTCCCTGCTAGAAATAACCAATTAGATG 674
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QY 675 CCCCAAGCGATTTTTT 690
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Db 541 AAGCAATTGGAGACTGGATTGCTGTTTATGCTCTGAGAAATGCCGATTTGACCA 600
QY 615 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAATTAGATG 674
Db 601 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAATTAGATG 660
QY 675 CCCCAAGCGATTTT 690
Db 661 CCCCAAGCGATTTT 676

RESULT 15

US-10-063-528-153
; Sequence 153, Application US/10063528
; Publication No. US2003018166A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,528
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-528-153

Query Match 98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 15 CTTCAAGACAGGTTCTCCCTCCAGTACACAGTTCGCTGAGTTAGAAATGTCGCAATG 74
Db 1 CTTCAAGACAGGTTCTCCCTCCAGTACACAGTTCGCTGAGTTAGAAATGTCGCAATG 60
QY 75 GCGGCCCTGCAGAAATCTGTGAGCTCTTCCCTATGGGACCCCTGSCCAGCTGCCTC 134
Db 61 GCGGCCCTGCAGAAATCTGTGAGCTCTTCCCTATGGGACCCCTGSCCAGCTGCCTC 120
QY 135 CTTCTCTTGGCCCTCTTGTGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGTGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 180
QY 195 CTTGACAAGTCCAACTTCAGCAGCCCTATATCACCAACCCGACCTTCATGCTGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCAGCAGCCCTATATCACCAACCCGACCTTCATGCTGCTAAG 240
QY 255 GAGGCTAGCTTGGCTGATTAACAACACAGAGCTTCGTTCTCATTTGGGAGAAACTGTTCCAC 314
Db 241 GAGGCTAGCTTGGCTGATTAACAACACAGAGCTTCGTTCTCATTTGGGAGAAACTGTTCCAC 300
QY 315 GGAGTCAGTATGAGTCAGCGCTGCTATCTGATGAAGCAGGTCGCTGAACTTCAACCTTGAA 374
Db 301 GGAGTCAGTATGAGTCAGCGCTGCTATCTGATGAAGCAGGTCGCTGAACTTCAACCTTGAA 360
QY 375 GAAGTCGCTTCCCTCAATCTGATAGTTCCAGCCCTTATATGACGAGGTGTCGCCCTTC 434
Db 361 GAAGTCGCTTCCCTCAATCTGATAGTTCCAGCCCTTATATGACGAGGTGTCGCCCTTC 420
QY 435 CTGGCCAGGCTCAGCAACAGGCTAAGCAATGTCATTTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTAAGCAATGTCATTTGAAGGTGATGACCTGCATATC 480

QY 495 CAGAGGAATGTCAAAAGCTGAAGCACACAGTGAAGAAAGCTTTGGAGAGAGTGGAGAGATC 554
Db 481 CAGAGGAATGTCAAAAGCTGAAGCACACAGTGAAGAAAGCTTTGGAGAGAGTGGAGAGATC 540
QY 555 AAAGCAATTGGAGAACTGGATTTGCTGTTTATGCTCTGAGAAATGCTGCAATTTGACCA 614
Db 541 AAAGCAATTGGAGAACTGGATTTGCTGTTTATGCTCTGAGAAATGCTGCAATTTGACCA 600
QY 615 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAATTAGATG 674
Db 601 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAATTAGATG 660
QY 675 CCCCAAGCGATTTT 690
Db 661 CCCCAAGCGATTTT 676

Search completed: February 11, 2004, 14:11:26
Job time : 225.387 secs

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OM nucleic - nucleic search, using sw model

Run on: February 10, 2004, 21:08:20 ; Search time 35.0132 Seconds
(without alignments)
8698.281 Million cell updates/sec

Title: US-09-751-797-24

Perfect score: 690

Sequence: 1 tgcacagcagaattcttcag.....gatgccccaaagcgattttt 690

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- 1: /cgn2_6/ptodata/2/ina/5A COMB.seq.*
- 2: /cgn2_6/ptodata/2/ina/5B COMB.seq.*
- 3: /cgn2_6/ptodata/2/ina/6A COMB.seq.*
- 4: /cgn2_6/ptodata/2/ina/6B COMB.seq.*
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- 6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	690	100.0	690	4	US-09-419-568F-24
2	690	100.0	690	4	US-09-354-243B-24
3	676	98.0	1152	4	US-09-870-574-1
4	409.2	59.3	1119	3	US-09-178-973B-7
5	409.2	59.3	1119	4	US-09-419-568F-7
6	409.2	59.3	1119	4	US-09-354-243B-7
7	407.6	59.1	1111	3	US-09-178-973B-9
8	407.6	59.1	1111	4	US-09-419-568F-9
9	407.6	59.1	1111	4	US-09-354-243B-9
10	258	37.4	4797	4	US-09-419-568F-25
11	258	37.4	4797	4	US-09-354-243B-25
12	127.6	18.5	5935	3	US-09-178-973B-17
13	127.6	18.5	5935	4	US-09-419-568F-19
14	127.6	18.5	5935	4	US-09-354-243B-29
15	126	18.3	7445	3	US-09-178-973B-8
16	126	18.3	7445	4	US-09-419-568F-8
17	126	18.3	7445	4	US-09-354-243B-8
18	39.8	5.8	7218	1	US-08-232-463-14
19	36.6	5.3	1080	4	US-09-149-476-222
20	34.8	5.0	1352	4	US-09-016-434-1233
21	34.8	5.0	1352	5	PCT-US92-02091-7
22	34.4	5.0	2868	4	US-09-710-794-4
23	34.2	5.0	1102	2	US-08-132-990A-1
24	34.2	5.0	1102	5	PCT-US92-09382-1
25	34.2	5.0	2157	2	US-08-132-990A-7
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27	34	4.9	5056	2	US-08-793-126-2

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Sequence 23, Appli
Sequence 27, Appli
Sequence 9, Appli
Sequence 11, Appli
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Sequence 13538, A
Sequence 2461, Ap
Sequence 13913, A
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Sequence 3, Appli
Sequence 7, Appli
Sequence 100, App
Sequence 1218, Ap
Sequence 30, Appli
Sequence 130, App
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ALIGNMENTS

RESULT 1

US-09-419-568F-24

; Sequence 24, Application US/09419568F

; Patent No. 6331613

; GENERAL INFORMATION:

; APPLICANT: Dumoutier, Laure

; APPLICANT: Renauld, Jean-Christophe

; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa

; TITLE OF INVENTION: (TIPS) The Proteins Encoded, and Uses Thereof

; FILE REFERENCE: LUD 5543.2

; CURRENT APPLICATION NUMBER: US/09/419,568F

; PRIOR FILING DATE: 1999-10-18

; PRIOR APPLICATION NUMBER: US09/354,243

; PRIOR FILING DATE: 1999-07-16

; PRIOR APPLICATION NUMBER: US09/178,973

; PRIOR FILING DATE: 1998-10-26

; NUMBER OF SEQ ID NOS: 29

; SEQ ID NO 24

; LENGTH: 690

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

US-09-419-568F-24

Query Match

Best Local Similarity 100.0%; Score 690; DB 4; Length 690;

Matches 690; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGCACACGAGAACTTTCAGAACAGGTTCTCTCCAGTCACAGTGTCTCGAGTTAG 60

Db 1 TGCACACGAGAACTTTCAGAACAGGTTCTCTCCAGTCACAGTGTCTCGAGTTAG 60

QY 61 AATTGTCTGCAATGGCCGCTTCAGAAATCTGTGAGCTTTCTTATGGGACCCCTGG 120

Db 61 AATTGTCTGCAATGGCCGCTTCAGAAATCTGTGAGCTTTCTTATGGGACCCCTGG 120

QY 121 CCACGAGTGTCTCTCTTGTGGCCCTTCTTGTACAGGGAGGAGGAGCTGGCCCATCA 180

Db 121 CCACGAGTGTCTCTCTTGTGGCCCTTCTTGTACAGGGAGGAGGAGCTGGCCCATCA 180

QY 181 GTCCTCACTGCAAGGTTGACAAAGTCCCAAGTCCAGAGCCCTATATCACCACCGCACCT 240

Db 181 GTCCTCACTGCAAGGTTGACAAAGTCCCAAGTCCAGAGCCCTATATCACCACCGCACCT 240

QY 241 TCATGCTGCTAAGAGGCTAGCTGGCTGATACACACAGAGCTTCTGCTCATTTGGGG 300

Db 241 TCATGCTGCTAAGAGGCTAGCTGGCTGATACACACAGAGCTTCTGCTCATTTGGGG 300

QY 301 AGAACTTGTTCACGAGTGTGATGAGTGTGCTGTCTATCTGTATGAAGCAGGTGCTGA 360

Db 301 AGAACTGTTCCACGGAGTCAGTATGATGAGCGCTGCTATCTGATGAAGCAGGTGCTGA 360
QY 361 ACTTCACCCCTTGAAAGAGTGTCTTCCCTCAATCTGATAGTTCACAGCCCTTATATGAGG 420
Db 361 ACTTCACCCCTTGAAAGAGTGTCTTCCCTCAATCTGATAGTTCACAGCCCTTATATGAGG 420
QY 421 AGTGTGTGCCCTTCTGGCCAGGCTCAGCAACAGGCTTAAGCACAATGTCATATTGAAGGTG 480
Db 421 AGTGTGTGCCCTTCTGGCCAGGCTCAGCAACAGGCTTAAGCACAATGTCATATTGAAGGTG 480
QY 481 ATGACCTTCATATCCAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGAG 540
Db 481 ATGACCTTCATATCCAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGAG 540
QY 541 AGAGTGGAGAGATCAAGCAATTTGGAGAACTGGATTTGCTGTTATGCTCTCAGAGAAATG 600
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QY 601 CTTGCAATTTGACAGAGCAAGCTGAAAATGAATGAATACTAACCCCTTTCCCTGCTAGAA 660
Db 601 CTTGCAATTTGACAGAGCAAGCTGAAAATGAATGAATACTAACCCCTTTCCCTGCTAGAA 660
QY 661 ATACCAATTAGATGCCCAAGCGATTTTT 690
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RESULT 2
US-09-354-243B-24
; Sequence 24, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Peptides
; TITLE OF INVENTION: (Tifs)
; FILE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354, 243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178, 973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 24
; LENGTH: 690
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-354-243B-24

Query Match 100.0%; Score 690; DB 4; Length 690;
Best Local Similarity 100.0%; Pred. No. 7e-197;
Matches 690; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGCAACAGCAGAACTTCAGAACAGGTTCTCTTCCCAAGTCACCAAGTTCCTGAGTTAG 60
Db 1 TGCAACAGCAGAACTTCAGAACAGGTTCTCTTCCCAAGTCACCAAGTTCCTGAGTTAG 60
QY 61 AATTGCTGCAATGCCGCCCTTCAGAAATCTGTGAGCTCTTCTTATGGGACCTGG 120
Db 61 AATTGCTGCAATGCCGCCCTTCAGAAATCTGTGAGCTCTTCTTATGGGACCTGG 120
QY 121 CCACAGCTGCTCTTCTTGTGGCCCTCTTGGTACAGGGAGGAGCAGCTGCGCCCATCA 180
Db 121 CCACAGCTGCTCTTCTTGTGGCCCTCTTGGTACAGGGAGGAGCAGCTGCGCCCATCA 180
QY 181 GCTCCACTGAGGCTTGCAAGTCCAACTTCAGAGAGCCCTATATCAACCAACCGCACCT 240
Db 181 GCTCCACTGAGGCTTGCAAGTCCAACTTCAGAGAGCCCTATATCAACCAACCGCACCT 240
QY 241 TCATGCTGGCTAAGAGGCTAGCTTGGCTGATGAACACACAGAGGTTCTGCTCATTTGGG 300

Db 241 TCATGCTGGCTAAGAGGCTAGCTTGGCTGATGAACACACAGAGCTTCGCTCATTTGGG 300
QY 301 AGAACTGTTCCACGGAGTCAGTATGATGAGCGCTGCTATCTGATGAAGCAGGTGCTGA 360
Db 301 AGAACTGTTCCACGGAGTCAGTATGATGAGCGCTGCTATCTGATGAAGCAGGTGCTGA 360
QY 361 ACTTCACCCCTTGAAAGAGTGTCTTCCCTCAATCTGATAGTTCACAGCCCTTATATGAGG 420
Db 361 ACTTCACCCCTTGAAAGAGTGTCTTCCCTCAATCTGATAGTTCACAGCCCTTATATGAGG 420
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Db 601 CTTGCAATTTGACAGAGCAAGCTGAAAATGAATGAATACTAACCCCTTTCCCTGCTAGAA 660
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Db 661 ATACCAATTAGATGCCCAAGCGATTTTT 690

RESULT 3
US-09-870-574-1
; Sequence 1, Application US/09870574
; Patent No. 6551799
; GENERAL INFORMATION:
; APPLICANT: Gurney, Austin L.
; APPLICANT: Aggarwal, Sudeepa
; APPLICANT: Xie, Ming-Hong
; APPLICANT: Maruoka, Ellen M.
; APPLICANT: Foster, Jessica S.
; APPLICANT: Goddard, Audrey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: INTERLEUKIN-22 POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; TITLE OF INVENTION: THE SAME AND METHODS FOR THE TREATMENT OF PANCREATIC DISORDERS
; FILE REFERENCE: P2806-1 (US)
; CURRENT APPLICATION NUMBER: US/09/870,574
; CURRENT FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: US 60/169,495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 1
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-870-574-1

Query Match 98.0%; Score 676; DB 4; Length 1152;
Best Local Similarity 100.0%; Pred. No. 1.4e-192;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGACACAGGTTCTCTTCCCAAGTCACCAAGTTCCTGAGTTAGATTCTCTGCAATG 74
Db 1 CTTGACACAGGTTCTCTTCCCAAGTCACCAAGTTCCTGAGTTAGATTCTCTGCAATG 60
QY 75 GCGCGCCTGCAAGAAATCTGTGAGCTCTTCTTCTTATGGGAGCCCTGGCCACAGGTGCTC 134
Db 61 GCGCGCCTGCAAGAAATCTGTGAGCTCTTCTTCTTATGGGAGCCCTGGCCACAGGTGCTC 120

QY	135	CTTCTCTTGGCCCTCTTGGTACAGGGAGGAGCAGCTGGCCCATCAGCTCCCACTGGAGG	194
Db	121	CTTCTCTTGGCCCTCTTGGTACAGGGAGGAGCAGCTGGCCCATCAGCTCCCACTGGAGG	180
QY	195	CTTGCAAGTCCAACTTCAGCAGAGCCCTATATCACAAACCGCACCTTCATGCTGGGTAAAG	254
Db	181	CTTGCAAGTCCAACTTCAGCAGAGCCCTATATCACCAACCGCACCTTCATGCTGGGTAAAG	240
QY	255	GAGGCTAGCTTGGCTGATACAAACACAGAGCTTGCTCATTTGGGGAGAACTGTGTCAC	314
Db	241	GAGGCTAGCTTGGCTGATACAAACACAGAGCTTGCTCATTTGGGGAGAACTGTGTCAC	300
QY	315	GGAGTCAGTATCAGTGAGCGCTGCTATCTGATGAAGCAGAGTGCTGAACCTTCACCCCTGAA	374
Db	301	GGAGTCAGTATCAGTGAGCGCTGCTATCTGATGAAGCAGAGTGCTGAACCTTCACCCCTGAA	360
QY	375	GAAGTGCTGTTCCCTCAATCTGATAGGTTCCAGGCTTATATGCAGGAGGTGGTGCCTTTC	434
Db	361	GAAGTGCTGTTCCCTCAATCTGATAGGTTCCAGGCTTATATGCAGGAGGTGGTGCCTTTC	420
QY	435	CTGGCCAGGCTCAGCAACAGGCTAGCACATGTCATATTTGAAGTGATGACCTGCAATTC	494
Db	421	CTGGCCAGGCTCAGCAACAGGCTAGCACATGTCATATTTGAAGTGATGACCTGCAATTC	480
QY	495	CAGAGGAATGTGCAAAAGCTGAAGACACACAGTGAAGAAAGCTTTGAGAGAGTGCAGAGATC	554
Db	481	CAGAGGAATGTGCAAAAGCTGAAGACACACAGTGAAGAAAGCTTTGAGAGAGTGCAGAGATC	540
QY	555	AAAGCAATTGGAGAACTGGATTTCGTGTTTATGTCCTGAGAAATGCTGTCATTTGACCA	614
Db	541	AAAGCAATTGGAGAACTGGATTTCGTGTTTATGTCCTGAGAAATGCTGTCATTTGACCA	600
QY	615	GAGCAAAAGCTGAAAAATGAATAACTTAACCCCTTTCCCTGCTAGAAATACAAATTAGTG	674
Db	601	GAGCAAAAGCTGAAAAATGAATAACTTAACCCCTTTCCCTGCTAGAAATACAAATTAGTG	660
QY	675	CCCCAAAGCGATTTTTT	690
Db	661	CCCCAAAGCGATTTTTT	676

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; Sequence 7, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 7
; LENGTH: 1119
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-7

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Qy	149	CTTTGTTACAGGAGGAGCAGCTGGCCCATCAGCTCCCACTCAGCTGAGCTTGACAAGTCCAA	208
Db	129	GTGGGCCCAGGAGGCAATGCGTGCCTGCTCAACACCCGGTGCAGCTTGAGGTGTCDA	188
Qy	209	CTTCCAGCAGCCCTATATCAACAACCGGACCTTCATGCTGGCTTAAGAGGCTAGCTTGGC	268
Db	189	CTTCCAGCAGCCGTCATCGTCAACCGCACCTTTATGCTGGCCCAAGAGGCCAGCCCTTCG	248
Qy	269	TGATAACAAACAGACAGCTTCTCTCATTTGGGGGAAACTGTTCCACGGAGTCAGTAGAG	328
Db	249	AGATAACAAACAGACAGCTCCGGCTCATCGGGGAAACTGTTCCGAGGAGTCAGTCTAA	308
Qy	329	TGAGCGCTGCTATCTGATGAAGCAGGCTGCTGAACCTTCACCTTTGAAGAAGTGTGTTCC	388
Db	309	AGATCAGTGTCTACCTGATGAAGCAGGCTGCTCAACTTCACCTTGAAGACGTTCTGTCTCC	368
Qy	389	TCAATCTGATAGTTTCCAGCCTTATATGCAGGAGGTGGTGCCCTTCTGTGGCCAGGCTCAG	448
Db	369	CCAGTCAGACAGGTTTCCAGCCCTCATGTCGAGGAGGTGTTACCTTTCTGACCAAACTCAG	428
Qy	449	CAACAGGCTTAAGCACATGCTCATATTGAAGGTGATGACCTGCATATCCAGAGGAATGTGCA	508
Db	429	CAATCAGCTCAGTCTCTGTGCATCAGCGGTGACGACCAACAATCAGAGAAATGTCTAG	488
Qy	509	AAAGCTGAAGGACACAGGTGAAAAGCTTGGAGAGGTGGAGAGATCAAAAGCAATTTGGAGA	568
Db	489	AAGGCTGAAGGAGACAGGTGAAAAGCTTGGAGAGGTGGAGAGATCAAGCGCATTTGGGGA	548
Qy	569	ACTGGATTGCTGTTTATGCTCTTGAGAAATGCCTGCATTTGACACAGACCAAGCTGAAA	628
Db	549	ACTGACCTTGCTGTTTATGCTCTTGAGAAATGCTTGGCTGTGAGCCAGAGAAGCTAGAA	608
Qy	629	AATGAATAACTAAACCCCTTTCCCTGCTAGAAATAACAATTAGATGCCCCAAAGCGATTT	688
Db	609	ACGAGAGAACTGCTCTTCTGCTGCTTTCTAAAGAACAATAAGATCCCTGAAATGACATTT	668
Qy	689	TT	690
Db	669	TT	670

RESULT 5

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US-09-419-568F-7
; Sequence 7, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Protein
; TITLE OF INVENTION: (tiifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 7
; LENGTH: 1119
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
;
US-09-419-568F-7

```

Query Match 59.3%; Score 409.2; DB 4; Length 1119;
Best Local Similarity 76.1%; Pred. No. 9.8e-113;
Matches 504; Conservative 0; Mismatches 158; Indels 0; Gaps 0;

Db 9 CTCCTCTCACTTATCACTGTTGACATTTGCGATCTCTGATGCTGTCTGCGAGAA 68
QY 89 ATCTGTGAGCTCTTTCCCTTATGCGGACCCCTGCGCAGCTGCTCTCTCTCTGCGCCT 148
Db 69 ATCTGTGAGCTCTTTCCCTTATGCGGACCCCTGCGCAGCTGCTCTCTCTCTGCGCCT 128
QY 149 CTCTGTAGAGGAGGAGGAGCTGCGCCATCAGCTGCTGCGCAGCTGCTCTCTCTGCGCCT 208
Db 129 GTGGCCCGAGGAGGAGGAGCTGCGCCATCAGCTGCTGCGCAGCTGCTCTCTCTGCGCCT 188
QY 209 CTCTGTAGAGGAGGAGGAGCTGCGCCATCAGCTGCTGCGCAGCTGCTCTCTCTGCGCCT 268
Db 189 CTCTGTAGAGGAGGAGGAGCTGCGCCATCAGCTGCTGCGCAGCTGCTCTCTCTGCGCCT 248
QY 269 TGATTAACACACAGAGCTGCT 328
Db 249 AGATTAACACACAGAGCTGCT 308
QY 329 TCAGCGCTGCTATCTGATGAAGCAGGCTGCTCACTTCAACCTTCAAGAGCTGCTGCTGCT 388
Db 309 AGATTAACACACAGAGCTGCT 368
QY 389 TCATTAACACACAGAGCTGCT 448
Db 369 CCAGTCAACACAGAGCTGCT 428
QY 449 CAACAGGCTAAGCAGCTGCT 508
Db 429 CAATCAACACAGAGCTGCT 488
QY 509 AAAGCTGAAGCAGCTGCT 568
Db 489 AAGGCTGAAGCAGCTGCT 548
QY 569 ACTGATTTGCTGTTTATGCTCTGAGAAATGCTCTGAGAAATGCTCTGAGAAATGCTCT 628
Db 549 ACTGATTTGCTGTTTATGCTCTGAGAAATGCTCTGAGAAATGCTCTGAGAAATGCTCT 608
QY 629 AATGAATAACTAACCCCTTTCCCTGCTGAGAAATGCTCTGAGAAATGCTCTGAGAAAT 688
Db 609 AACGAAGAACTGCT 668
QY 689 TT 590
Db 669 TT 670

RESULT 6
US-09-354-243B-7
; Sequence 7, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIPS)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 7
; LENGTH: 1119
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-354-243B-7

Query Match

59.3%; Score 409.2; DB 4; Length 1119;

Best Local Similarity 76.1%; Pred. No. 9.8e-113;
Matches 504; Conservative 0; Mismatches 159; Indels 0; Gaps 0;
QY 29 CTCCTTCCCGAGTCCAGTTCGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 88
Db 9 CTCCTCTCTCACTTATCACTGTTGACATTTGCGATCTCTGATGCTGTCTGCGAGAA 68
QY 89 ATCTGTGAGCTCTTTCCCTTATGCGGACCCCTGCGCAGCTGCTCTCTCTCTCTCTCTCTCT 148
Db 69 ATCTGTGAGCTCTTTCCCTTATGCGGACCCCTGCGCAGCTGCTCTCTCTCTCTCTCTCTCT 128
QY 149 CTCTGTAGAGGAGGAGGAGCTGCGCCATCAGCTGCTGCGCAGCTGCTCTCTCTCTGCGCCT 208
Db 129 GTGGCCCGAGGAGGAGGAGCTGCGCCATCAGCTGCTGCGCAGCTGCTCTCTCTCTGCGCCT 188
QY 209 CTCTGTAGAGGAGGAGGAGCTGCGCCATCAGCTGCTGCGCAGCTGCTCTCTCTCTGCGCCT 268
Db 189 CTCTGTAGAGGAGGAGGAGCTGCGCCATCAGCTGCTGCGCAGCTGCTCTCTCTCTGCGCCT 248
QY 269 TGATTAACACACAGAGCTGCT 328
Db 249 AGATTAACACACAGAGCTGCT 308
QY 329 TCAGCGCTGCTATCTGATGAAGCAGGCTGCTCACTTCAACCTTCAAGAGCTGCTGCTGCT 388
Db 309 AGATTAACACACAGAGCTGCT 368
QY 389 TCATTAACACACAGAGCTGCT 448
Db 369 CCAGTCAACACAGAGCTGCT 428
QY 449 CAACAGGCTAAGCAGCTGCT 508
Db 429 CAATCAACACAGAGCTGCT 488
QY 509 AAAGCTGAAGCAGCTGCT 568
Db 489 AAGGCTGAAGCAGCTGCT 548
QY 569 ACTGATTTGCTGTTTATGCTCTGAGAAATGCTCTGAGAAATGCTCTGAGAAATGCTCT 628
Db 549 ACTGATTTGCTGTTTATGCTCTGAGAAATGCTCTGAGAAATGCTCTGAGAAATGCTCT 608
QY 629 AATGAATAACTAACCCCTTTCCCTGCTGAGAAATGCTCTGAGAAATGCTCTGAGAAAT 688
Db 609 AACGAAGAACTGCT 668
QY 689 TT 590
Db 669 TT 670

RESULT 7
US-09-178-973B-9
; Sequence 9, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIPS)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 9
; LENGTH: 1111
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-9

Query Match 59.1%; Score 407.6; DB 3; Length 1111;
Best Local Similarity 76.0%; Pred. No. 3e-112;
Matches 503; Conservative 0; Mismatches 159; Indels 0; Gaps 0;

QY 29 CTCCTCCCGCAGTCACAGTGTCTCGAGTTAGAAATGCTGCAATGGCGCCCTGCAGAA 88
DB 7 CTCCTCTCTCAGTATCACTTTTGACATCTTGCGATCGGTATGCTGCTGCGAGAA 66
QY 89 ATCTGTAGCTCTTTCTTATGAGGACCCCTGGCCACAGCTGCTCTCTCTCTCTCTG 148
DB 67 ATCTATGAGTTTTCCTCTATGAGGACCTTTGGCGCCAGCTGCTCTCTCTCTCTG 126
QY 149 CTTGGTACAGGAGGAGAGCTGCGCCCATCTAGCTCCACTCGAGCTTGACAGTCCAA 208
DB 127 GTGGGCCAGGAGCAATGCGTGGCCCATCAACCCGGTGAAGCTTGAGGTGCTCAA 186
QY 209 CTTCCAGAGCCCTATATCAACCCGACCTTTCATGCTGGCTGAAGAGGCTAGCTTGC 268
DB 187 CTTCCAGAGCCCTATATCAACCCGACCTTTCATGCTGGCTGAAGCTTGAGGTGCTCAA 246
QY 269 TGATAACACACAGAGCTTCTGCTCATTTGGGAGAACTGTTCCAGCGAGTCAGTATGAG 328
DB 247 AGATAACACACAGAGCTTCTGCTCATCGGGAGAACTGTTCCGAGGAGTCAGTGCTAA 306
QY 329 TGAGCGCTGCTATCTGATGAAGCAGGTGCTGCACTTCAACCTTGAAGAACTGCTGCC 388
DB 307 GGATCAGTGTCTACCTGATGAAGCAGGTGCTCACTTCAACCTTGAAGAACTGCTGCC 366
QY 389 TCAATCTGATAGTTCAGCTTATATGAGGAGGTGCTGCTCTCTCTCTCTCTCTG 448
DB 367 CCAGTCAGAGCTTCCGCGCCCTACATGAGGAGGTGCTGCTCTCTCTCTCTCTG 426
QY 449 CAACAGGCTAAGCACATGTCATATGAAGGTGATGACCTGCAATCCAGAGCAATGTGCA 508
DB 427 CAATCAGCTCAGCTCTCTGTCACATCAGTGTGAGCAGCAATCCAGAGCAATGTGCA 486
QY 509 AAAGCTGAAGGACACAGTGAAGAACTTGGAGAGGTGAGAGATCAAGCAATTTGGAGA 568
DB 487 AAGGCTGAAGGACACAGTGAAGAACTTGGAGAGGTGAGAGATCAAGCAATTTGGAGA 546
QY 569 ACTGGATTTCTGCTTTATGCTCTGAGAAATGCTGCACTTTCAGCAGCAAGCTGAA 628
DB 547 ACTGGATTTCTGCTTTATGCTCTGAGAAATGCTGCACTTTCAGCAGCAAGCTGAA 606
QY 629 AATGAATAACTAACCCCTTTCCCTCTAGAAATAACAATTAGATGCCCCAAAGGATTT 688
DB 607 AACGAAGAACTGCT 666
QY 689 TT 690
DB 667 TT 668

RESULT 8
US-09-419-568F-9
; Sequence 9, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 9
; LENGTH: 1111

; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-9

Query Match 59.1%; Score 407.6; DB 4; Length 1111;
Best Local Similarity 76.0%; Pred. No. 3e-112;
Matches 503; Conservative 0; Mismatches 159; Indels 0; Gaps 0;

QY 29 CTCCTCCCGCAGTCACAGTGTCTCGAGTTAGAAATGCTGCAATGGCGCCCTGCAGAA 88
DB 7 CTCCTCTCTCAGTATCACTTTTGACATCTTGCGATCGGTATGCTGCTGCGAGAA 66
QY 89 ATCTGTAGCTCTTTCTTATGAGGACCCCTGGCCACAGCTGCTCTCTCTCTCTCTG 148
DB 67 ATCTATGAGTTTTCCTCTATGAGGACCTTTGGCGCCAGCTGCTCTCTCTCTCTG 126
QY 149 CTTGGTACAGGAGGAGAGCTGCGCCCATCTAGCTCCACTCGAGCTTGACAGTCCAA 208
DB 127 GTGGGCCAGGAGCAATGCGTGGCCCATCAACCCGGTGAAGCTTGAGGTGCTCAA 186
QY 209 CTTCCAGAGCCCTATATCAACCCGACCTTTCATGCTGGCTGAAGAGGCTAGCTTGC 268
DB 187 CTTCCAGAGCCCTATATCAACCCGACCTTTCATGCTGGCTGAAGCTTGAGGTGCTCAA 246
QY 269 TGATAACACACAGAGCTTCTGCTCATTTGGGAGAACTGTTCCAGCGAGTCAGTATGAG 328
DB 247 AGATAACACACAGAGCTTCTGCTCATCGGGAGAACTGTTCCGAGGAGTCAGTGCTAA 306
QY 329 TGAGCGCTGCTATCTGATGAAGCAGGTGCTGCACTTCAACCTTGAAGAACTGCTGCC 388
DB 307 GGATCAGTGTCTACCTGATGAAGCAGGTGCTCACTTCAACCTTGAAGAACTGCTGCC 366
QY 389 TCAATCTGATAGTTCAGCTTATATGAGGAGGTGCTGCTCTCTCTCTCTCTCTG 448
DB 367 CCAGTCAGAGCTTCCGCGCCCTACATGAGGAGGTGCTGCTCTCTCTCTCTCTG 426
QY 449 CAACAGGCTAAGCACATGTCATATGAAGGTGATGACCTGCAATCCAGAGCAATGTGCA 508
DB 427 CAATCAGCTCAGCTCTCTGTCACATCAGTGTGAGCAGCAATCCAGAGCAATGTGCA 486
QY 509 AAAGCTGAAGGACACAGTGAAGAACTTGGAGAGGTGAGAGATCAAGCAATTTGGAGA 568
DB 487 AAGGCTGAAGGACACAGTGAAGAACTTGGAGAGGTGAGAGATCAAGCAATTTGGAGA 546
QY 569 ACTGGATTTCTGCTTTATGCTCTGAGAAATGCTGCACTTTCAGCAGCAAGCTGAA 628
DB 547 ACTGGATTTCTGCTTTATGCTCTGAGAAATGCTGCACTTTCAGCAGCAAGCTGAA 606
QY 629 AATGAATAACTAACCCCTTTCCCTCTAGAAATAACAATTAGATGCCCCAAAGGATTT 688
DB 607 AACGAAGAACTGCT 666
QY 689 TT 690
DB 667 TT 668

RESULT 9
US-09-354-243B-9
; Sequence 9, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (Tifs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973

Db 61 AATTGTCTCAATGCGCGCCCTGCAGAAATCTGTGAGCTCTTCTTCTTATGGGACCCCTGG 120
QY 121 CCACAGCTGCCTCTTCTTCTTGGCCCTCTTGTACAGGAGGACGCTGCGCCCATCA 180
Db 121 CCACAGCTGCCTCTTCTTCTTGGCCCTCTTGTACAGGAGGACGCTGCGCCCATCA 180
QY 181 GTCCCACTGAGGCTTGACAAAGTCCAACTTCCAGCAGCCCTATATACCAACCGCACCT 240
Db 181 GTCCCACTGAGGCTTGACAAAGTCCAACTTCCAGCAGCCCTATATACCAACCGCACCT 240
QY 241 TCATGCTGGCTAAGGAGG 258
Db 241 TCATGCTGGCTAAGGAGG 258

RESULT 12

US-09-178-973B-17
; Sequence 29, Application US/09178973B
; Patent No. 6274710

GENERAL INFORMATION:

; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TIPS)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17

; SEQ ID NO 17
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Mus musculus

US-09-178-973B-17

Query Match 18.5%; Score 127.6; DB 3; Length 5935;
Best Local Similarity 72.2%; Pred. No. 4.2e-28;
Matches 166; Conservative 0; Mismatches 64; Indels 0; Gaps 0;

QY 29 CTCCTTCCCAGTCCAGCTGCTCGAGTTAGAAATGTCTGCAATGGCGCCCTTCGAGAA 88
Db 356 CTCCTCTCTCAGTTATCAACTTTTGACACTTGTGCGATCGGTGATGGCTGCTTCGAGAA 415
QY 89 ATCTGTGAGCTCTTCTTCTTATGGGACCTTGGCCACAGCTGCTCTCTCTCTTCTTGGCCCT 148
Db 416 ATCTATGAGTTTTCCTTATGGGACTTTGGCCGACGCTGCTCTCTCTCTCTCTCTCTCT 475
QY 149 CTGTGTACAGGAGGAGGAGCTGCGCCCATCAGCTCCCACTGCGAGGCTTGACAAAGTCCAA 208
Db 476 GTGGCCCGAGGAGGCAAAATGGGCTGCCCATCAACACCCGGTGCAAGCTTGAGGTGTCAA 535
QY 209 CTTCAGAGCCCTATATCACCACCGCACCTTCTATGCTGGCTAAGGAGG 258
Db 536 CTTCAGAGCCGCTACATCGTCAACCGCACCTTTATGCTGGCCCAAGGAGG 585

RESULT 13

US-09-419-568F-29
; Sequence 29, Application US/09419568F
; Patent No. 6331613

GENERAL INFORMATION:

; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TIPS) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973

; PRIOR FILING DATE: 1998-10-26

; NUMBER OF SEQ ID NOS: 29

; SEQ ID NO 29

; LENGTH: 5935

; TYPE: DNA

; ORGANISM: Mus musculus

; FEATURE:

US-09-419-568F-29

Query Match 18.5%; Score 127.6; DB 4; Length 5935;

Best Local Similarity 72.2%; Pred. No. 4.2e-28;

Matches 166; Conservative 0; Mismatches 64; Indels 0; Gaps 0;

QY 29 CTCCTTCCCAGTCCAGCTGCTCGAGTTAGAAATGTCTGCAATGGCGCCCTTCGAGAA 88
Db 356 CTCCTCTCTCAGTTATCAACTTTTGACACTTGTGCGATCGGTGATGGCTGCTTCGAGAA 415
QY 89 ATCTGTGAGCTCTTCTTCTTATGGGACCTTGGCCACAGCTGCTCTCTCTCTCTTCTTGGCCCT 148
Db 416 ATCTATGAGTTTTCCTTATGGGACTTTGGCCGACGCTGCTCTCTCTCTCTCTCTCTCT 475
QY 149 CTGTGTACAGGAGGAGGAGCTGCGCCCATCAGCTCCCACTGCGAGGCTTGACAAAGTCCAA 208
Db 476 GTGGCCCGAGGAGGCAAAATGGGCTGCCCATCAACACCCGGTGCAAGCTTGAGGTGTCAA 535
QY 209 CTTCAGAGCCCTATATCACCACCGCACCTTCTATGCTGGCTAAGGAGG 258
Db 536 CTTCAGAGCCGCTACATCGTCAACCGCACCTTTATGCTGGCCCAAGGAGG 585

RESULT 14

US-09-354-243B-29
; Sequence 29, Application US/09354243B
; Patent No. 6359117

GENERAL INFORMATION:

; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIPS)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; PRIOR FILING DATE: 1999-07-16
; CURRENT FILING DATE: 1999-07-16
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29

; SEQ ID NO 29

; LENGTH: 5935

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

US-09-354-243B-29

Query Match 18.5%; Score 127.6; DB 4; Length 5935;

Best Local Similarity 72.2%; Pred. No. 4.2e-28;

Matches 166; Conservative 0; Mismatches 64; Indels 0; Gaps 0;

QY 29 CTCCTTCCCAGTCCAGCTGCTCGAGTTAGAAATGTCTGCAATGGCGCCCTTCGAGAA 88
Db 356 CTCCTCTCTCAGTTATCAACTTTTGACACTTGTGCGATCGGTGATGGCTGCTTCGAGAA 415
QY 89 ATCTGTGAGCTCTTCTTCTTATGGGACCTTGGCCACAGCTGCTCTCTCTCTCTTCTTGGCCCT 148
Db 416 ATCTATGAGTTTTCCTTATGGGACTTTGGCCGACGCTGCTCTCTCTCTCTCTCTCTCT 475
QY 149 CTGTGTACAGGAGGAGGAGCTGCGCCCATCAGCTCCCACTGCGAGGCTTGACAAAGTCCAA 208
Db 476 GTGGCCCGAGGAGGCAAAATGGGCTGCCCATCAACACCCGGTGCAAGCTTGAGGTGTCAA 535
QY 209 CTTCAGAGCCCTATATCACCACCGCACCTTCTATGCTGGCTAAGGAGG 258
Db 536 CTTCAGAGCCGCTACATCGTCAACCGCACCTTTATGCTGGCCCAAGGAGG 585

RESULT 15
US-09-178-973B-8
; Sequence 8, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TlFs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-8

Query Match 18.3%; Score 126; DB 3; Length 7445;
Best Local Similarity 71.7%; Pred. No. 1.4e-27;
Matches 165; Conservative 0; Mismatches 65; Indels 0; Gaps 0;
Qy 29 CTCCTTCCCGAGTCACCGAGTGTCTCGAGTTAGAAATGTTCTGCAATGGCGCCCTGCAGAA 88
Db 2034 CTCCTCTCTCACTTATCAACTGTTGACACTGTGCGCATCTCTGATGGCTGTCTCTGCAGAA 2093
Qy 89 ATCTGTGAGCTCTTTCCCTTATGGGACCTTGGCCACCGAGTGGCTCTCTCTTTGGCCCT 148
Db 2094 ATCTATGAGTTTTCCTTATGGGACTTTGGCGCGCAGCTGGCTGCTTCTCATTTGCCCT 2153
Qy 149 CTTCGTACAGGAGGAGCAGCTGCGCCATCATCCACTGCCAGCTTGACAAAGTCCAA 208
Db 2154 GTGGGCCCGAGGAGGAAATGCGCTGCCCGTCAACACCCGGTGAAGCTTGAGGTGTCCAA 2213
Qy 209 CTTCGACGCGCTTATATCAACCGCACCTTCATGCTGGCTAAGGAGG 258
Db 2214 CTTCGACGCGCTTATATCAACCGCACCTTCATGCTGGCTAAGGAGG 2263

Search completed: February 11, 2004, 00:26:56
Job time : 39.0132 secs

Db 4501 AGGGATATTACTATGAATGTTTACAAATGCTTAAACCTCGGTTCTGTCCTCATCAACC 4560
Qy 4561 TAAATCTTGGCAATTTCTAATTTGTTCACTTTAGAAAACATGCGTAAATGCTCAAACTATT 4620
Db 4561 TAAATCTTGGCAATTTCTAATTTGTTCACTTTAGAAAACATGCGTAAATGCTCAAACTATT 4620
Qy 4621 TTGCATCTTATTTTTCACAGCTTGGAGAGATGGAGAGATCAAGCAATTTGGAGAACTGG 4680
Db 4621 TTGCATCTTATTTTTCACAGCTTGGAGAGATGGAGAGATCAAGCAATTTGGAGAACTGG 4680
Qy 4681 ATTTGCTGTTTATGCTCTCAGAAATGCTTGCATTTGACAGAGCAAGCTGAAAATGA 4740
Db 4681 ATTTGCTGTTTATGCTCTCAGAAATGCTTGCATTTGACAGAGCAAGCTGAAAATGA 4740
Qy 4741 ATAACTAACCCCTTTCCCTGCTAGAAAATTAACAAATAGATGCCCCAAAGCGATTTT 4797
Db 4741 ATAACTAACCCCTTTCCCTGCTAGAAAATTAACAAATAGATGCCCCAAAGCGATTTT 4797

RESULT 2
US-10-027-632-118181/c
; Sequence 118181, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMERIZATION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118181
; LENGTH: 1074
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-118181

Query Match 22.4%; Score 1073.6; DB 13; Length 1074;
Best Local Similarity 99.9%; Pred. No. 2.5e-264;
Matches 1073; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 2472 TCGTTTGAACCTTGGAGATATAAATCTCAGAACATGAGAAAAGAGCTGGACTTGCATATA 2531
Db 1074 TCGTTTGAACCTTGGAGATATAAATCTCAGAACATGAGAAAAGAGCTGGACTTGCATATA 1015
Qy 2532 GGGCTAATTTCTGAGTAAATAACACATTTATTTGAATTAATCAATATCTATCAGATATT 2591
Db 1014 GGGCTAATTTCTGAGTAAATAACACATTTATTTGAATTAATCAATATCTATCAGATATT 255
Qy 2592 GATTATAGTTTAAAGCAAGCAGACACACCCGATCTCTTTTATACAGCTTCAAAATAGA 2651
Db 954 GATTATAGTTTAAAGCAAGCAGACACACCCGATCTCTTTTATACAGCTTCAAAATAGA 895
Qy 2652 GTAAAAATATTAGTAAGAGATTTATTATAGTTAAATGCAAGTCTGAATGGTAAGCTTTT 2711
Db 894 GTAAAAATATTAGTAAGAGATTTATTATAGTTAAATGCAAGTCTGAATGGTAAGCTTTT 835

Qy 2712 TTTTCTTCTCTCTCCCATCAAGACCTTCCATTTCTAGTTTCTTCTCTTCACTCCCTCAACA 2771
Db 834 TTTTCTTCTCTCTCCCATCAAGACCTTCCATTTCTAGTTTCTTCTCTTCACTCCCTCAACA 775
Qy 2772 AATCCCTAGGAGAGATTTATCCATGTTGGGCTGGTGTACATTTCTATAGTGAATGATACC 2831
Db 774 AATCCCTAGGAGAGATTTATCCATGTTGGGCTGGTGTACATTTCTATAGTGAATGATACC 715
Qy 2832 ATCATGTGGCTTATTTGGTGAAGAAACAACAATGGAAGCTTTAGATTAACAATAGTACC 2891
Db 714 ATCATGTGGCTTATTTGGTGAAGAAACAACAATGGAAGCTTTAGATTAACAATAGTACC 655
Qy 2892 TCACCCCAAAACCGAGAGATTTAGGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 2951
Db 654 TCACCCCAAAACCGAGAGATTTAGGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 595
Qy 2952 CAACCTAAATATCTCAGAAACATGAAGGCTCCAGTTGATGGAATTTTCAGTAAACAGCTTAA 3011
Db 594 CAACCTAAATATCTCAGAAACATGAAGGCTCCAGTTGATGGAATTTTCAGTAAACAGCTTAA 535
Qy 3012 CCTTAATTTCCCTCTTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3071
Db 534 CCTTAATTTCCCTCTTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 475
Qy 3072 TTAATGAGTGTGACTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3131
Db 474 TTAATGAGTGTGACTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 415
Qy 3132 AGCCAGTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3191
Db 414 AGCCAGTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 355
Qy 3192 CACAGACAAAGCATGCTTTTACACATCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 3251
Db 354 CACAGACAAAGCATGCTTTTACACATCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 295
Qy 3252 TGTCTTTAGAAAAGTGAAGTGTGAGAGAGAGAAATCTCATGCTGATCTGTGTGATTTTCA 3311
Db 294 TGTCTTTAGAAAAGTGAAGTGTGAGAGAGAGAAATCTCATGCTGATCTGTGTGATTTTCA 235
Qy 3312 AGACCTTTAATCCATTTTGAAGAAATCAATTTTCAATTTTCAATTTTCAATTTTCAATTTTCA 3371
Db 234 AGACCTTTAATCCATTTTGAAGAAATCAATTTTCAATTTTCAATTTTCAATTTTCAATTTTCA 175
Qy 3372 GAGTGAATATGCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 3431
Db 174 GAGTGAATATGCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 115
Qy 3432 CAGAGAAAGATCAACAGAGAGAGAAATCTGTCAGAGCTGTCTGAAATAGGCTGTTTGGG 3491
Db 114 CAGAGAAAGATCAACAGAGAGAGAAATCTGTCAGAGCTGTCTGAAATAGGCTGTTTGGG 55
Qy 3492 AGGCATTAATTTCCCT 3545
Db 54 AGGCATTAATTTCCCT 1

RESULT 3
US-10-027-632-118181/c
; Sequence 118181, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMERIZATION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29

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; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118181
; LENGTH: 1074
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-118181

Query Match      22.4%; Score 1073.6; DB 14; Length 1074;
Best Local Similarity 99.9%; Pred. No. 2.5e-264;
Matches 1073; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2472 TGCTTTGAAACTTTGGAAGATAAAGCTCAGAACAAATGAGAAAGAGCTGGACTTGCATATA 2531
DB 1074 TGCTTTGAAACTTTGGAAGATAAAGCTCAGAACAAATGAGAAAGAGCTGGACTTGCATATA 1015
QY 2532 GGCTAAATTTCTCGAGTAATACACACTTATTTTGAATATCATATATCTATCAGATATT 2591
DB 1014 GGCTAAATTTCTCGAGTAATACACACTTATTTTGAATATCATATATCTATCAGATATT 955
QY 2592 GATTATAGTTTAAAGCAAGAGCAGACCAACCCCGATCTCTTTTATACAGTTCAATAGA 2651
DB 954 GATTATAGTTTAAAGCAAGAGCAGACCAACCCCGATCTCTTTTATACAGTTCAATAGA 895
QY 2652 GTAAAAATATAGTAGAGATTTATTATAGTTAAATGGAAGCTGTAATGGTAAGCTTTT 2711
DB 894 GTAAAAATATAGTAGAGATTTATTATAGTTAAATGGAAGCTGTAATGGTAAGCTTTT 835
QY 2712 TTTTCTTCCCTCTCTCCCATCAAGACCTTCCATCTAGTTTCTTCTTCACTCCCTCAACA 2771
DB 834 TTTTCTTCCCTCTCTCCCATCAAGACCTTCCATCTAGTTTCTTCTTCACTCCCTCAACA 775
QY 2772 AATCCCTAGGAGCATTTATCCATGTTGGCTGGTGTACATTTCTATAGTAATGATACC 2831
DB 774 AATCCCTAGGAGCATTTATCCATGTTGGCTGGTGTACATTTCTATAGTAATGATACC 715
QY 2832 ATCATGTGGCTATTGTTGTAAGAAACAAATGGAAGCTTAGACTAACATAGTAGAC 2891
DB 714 ATCATGTGGCTATTGTTGTAAGAAACAAATGGAAGCTTAGACTAACATAGTAGAC 655
QY 2892 TCACCCCAAAACCGGAGGAATGATTAGGACAGTGAAGTGAAGCTTTTGAAGCAGGTA 2951
DB 654 TCACCCCAAAACCGGAGGAATGATTAGGACAGTGAAGTGAAGCTTTTGAAGCAGGTA 595
QY 2952 CAACTAAATACTCAGAAACATGAGGCTCCAGTTGATGGAATTTTCACTAACAGCTTAA 3011
DB 594 CAACTAAATACTCAGAAACATGAGGCTCCAGTTGATGGAATTTTCACTAACAGCTTAA 535
QY 3012 CCTTAATCCCTCTTCTTCCCTCTTGAATTTTAAAGAGCTTTCTTCTGAGCATCAT 3071
DB 534 CCTTAATCCCTCTTCTTCCCTCTTGAATTTTAAAGAGCTTTCTTCTGAGCATCAT 475
QY 3072 TTAATGAGTGTGACTGTTTCTTCTTCTTGAATTTGAAGGCTTTGTAGTTTAAATTTGA 3131
DB 474 TTAATGAGTGTGACTGTTTCTTCTTCTTGAATTTGAAGGCTTTGTAGTTTAAATTTGA 415
QY 3132 AGCCAGCTTCTTGTGTTATAGAACTATTATCTAGACATGAGGCTGGAATGTTAGCATGC 3191
DB 414 AGCCAGCTTCTTGTGTTATAGAACTATTATCTAGACATGAGGCTGGAATGTTAGCATGC 355
QY 3192 CACAGACAGGCAATGCTTTACATCTTGTCTTAAAAAATPACTGATTTCACTTGTCTGT 3251
DB 354 CACAGACAGGCAATGCTTTACATCTTGTCTTAAAAAATPACTGATTTCACTTGTCTGT 295
QY 3252 TGCTTTTAAAGTAAGTGAAGTGTGAGAGGAGGAATCTCATGGTGAATCTGTGATTTTCA 3311
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DB 294 TGCTTTTAAAGAAAGTGAAGTGTGAGAGAGAGAAATCTCATGTGATCTGTGTGATTTTCA 2335
QY 3312 AGACCTTTAATCAATTTTGAAGAAATCAATTTCAATTTGCAATGGTTGCCATGTGGAA 3371
DB 234 AGACCTTTAATCAATTTTGAAGAAATCAATTTCAATTTGCAATGGTTGCCATGTGGAA 175
QY 3372 GAGTGATTATGCTTTTCTGCTGTAGCTTTCAGAAAGCAGAGGAGGAGAGCAATGTTGTT 3431
DB 174 GAGTGATTATGCTTTTCTGCTGTAGCTTTCAGAAAGCAGAGGAGGAGAGCAATGTTGTT 115
QY 3432 CAGAGAAAGATCAACAGAGGAGAAACTGTCTCAGAGCTGTCTGAAATAGGTTGGTTGGG 3491
DB 114 CAGAGAAAGATCAACAGAGGAGAAACTGTCTCAGAGCTGTCTGAAATAGGTTGGTTGGG 55
QY 3492 AGGCATTAAATTCCTCTCTGCTTGGGGTAAAGCAGAAACGAGGTTGGTAGTATAA 3545
DB 54 AGGCATTAAATTCCTCTCTGCTTGGGGTAAAGCAGAAACGAGGTTGGTAGTATAA 1

RESULT 4
US-09-751-797-8
; Sequence 8, Application US/09751.797
; Patent No. US20010024652A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; FILE OF INVENTION: (TIPS) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751.797
; CURRENT FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: 09/419,568
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-751-797-8

Query Match      14.3%; Score 686; DB 9; Length 7445;
Best Local Similarity 53.8%; Pred. No. 2.7e-164;
Matches 2644; Conservative 0; Mismatches 1875; Indels 393; Gaps 44;

QY 29 CTCTCTTCCCACTCAGTCAACAGATGCTCGAGTTAGAAATCTCTGCAATGGCCGCTTCAGAA 88
DB 2034 CTCTCTCTCACTTATCAACTGTTGACACTTGTGCGATCTCTGATGCTGTCTCTGCAGAA 2093
QY 89 ATCTGTGAGCTCTTCTTATGAGGACCTTGCCCAACAGCTGCTCTCTCTCTTCTTGGCCT 148
DB 2094 ATCTATGAGTTTCTTCTTATGAGGACTTTGGCCGAGCTGCTCTCTCTTCTTCTTGGCCT 2153
QY 149 CTCTGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCATCTGCAAGCTTTCACAAAGTCCAA 208
DB 2154 GTGGCCCAAGAGGCAATGCGCTGCCGTCACACCCGGTGCAAGCTTGGAGTGTCCAA 2213
QY 209 CTTCCAGAGCCCTTATATACCAACCCGACCTTCATCTGCTGCTAAGGAGGATACATCTC 268
DB 2214 CTTCCAGAGCCGTCATCTCGTCAACCCGACCTTTATCTGCTGCCAAGGAGGTACAGTGA 2273
QY 269 AATCTGCTCTTCTCTGCTTGGATCTACTTGAATCCAAATAGTTCTTAAACTTTCTTCA 328
DB 2274 TCTCTTCTCTCCAAACCGCTTGGCAATTTCTCTGAAGCACTTGGCAAACTCTTTAGGG 2333
QY 329 GAGCATCTCTAAGAGCTTTTAGGAACCCCACTGTTTATCCCTGAGGGGTAGATAAATTTCTG 388
DB 2334 CGCTTATCTCCGAGGCTCTCACTACCTATGTTT-----TCTGCTCTCTTAGAG 2382
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Qy	1571	GCTTAAATTTTCACATGAGATGTTTTATGTATCAATTTCTTGTGTTCTAAGCATGCAATTTTCTG	1631
Db	1858	CGCGCTTTTTCACACGAGAAATTTATGTCTCATCTCTGTGCTACATCTCCACCTTTGAT	1917
Qy	1631	GAGATACGATTGAGGTTTATTTCTCTTACAGAATTTGCATAAACTPACTCCGCTCTTCCAC	1690
Db	1918	GAGGTTAAGCTCAGGTTTCGTTTCT-----ACCGTTCTTGCTAC	1956
Qy	1691	AAATGCAAACTCAGTAGGATTTCCCAAGAAAGAGAGGTCTCTTGTTAAGGGAAGTGA	1750
Db	1957	TGGTGGAAACTTTCAGTAGGATTTCCCAAGACGAGGACAGCTCTCTCTGTTAAGGAGGAC	2016
Qy	1751	CTGGATTCTGGCGTCCAAAGGGAATTCAGAGCTCAGGAATCTAGGTCACTGTTGGAATC	1810
Db	2017	CTGGATTTCACTGTCCTTAGAGACGAATAGCTCAGAGATCTAGGTCAACGTGAATCT	2076
Qy	1811	TAGGTCATTTGGGCAAAATTTACTAAGAGCTTTAAATCCAGGTGAAATGTACTGTACCTC	1870
Db	2077	AGGTCACAGGGGCAAAATGACTGAACGCTCTATTCCAGGTGAACGGTCACTGTCCTC	2136
Qy	1871	CATGGGTGTGGAGGTTTCAAAAGTTTCAGCACAACTTAAGATAGTTATGCTTGTATTG	1930
Db	2137	AGATATACTGAGGTATTGGGCTCCACCGGATAGATTCTGTAGTGA-GTCTGCTTTTA	2195
Qy	1931	TTTTATAGCATATTTGAAGGTGATGACCTGTCATATCCAGAGGAATGTGCCAAAGCTGAAG	1990
Db	2196	TTTTGCGCACATCAGTGGTGACGACCAGAAATCCAGAAAGATGTCAGAAAGCTGAAG	2255
Qy	1991	ACACAGTGAAGAGGTAGGACTGATTAAGTCTCAATGCTTAAGTCAATGAGAGAGACA	2050
Db	2256	AGACAGTGAAGAGGTACTATTGGCAAGCACAACTACTAAGCCATTCACTAGGAGACGTG	2315
Qy	2051	AATGTTGTTTTCTTCTTCTTCTTCTCCATCACCTTCTGATTTTTTTCACTTGATTTCTC	2110
Db	2316	GGGATTTTCTCTGCTTCCAGTCT--CTTCTACTTTGTGAATTTTCTTGACTTGT	2373
Qy	2111	CTACCACAGGCGAAT-----ACTTTGGTGTGTGTATGATATATCTATATCTA	2166
Db	2374	CTACTGTCTGTCTCAATTACTCACTTAGCTGCACCTGCATCTAGCTGGCTCTATAGATCTT	2433
Qy	2167	GATGTCAGTTTCCAAATCTTGCAAAATGTAGAAATCTTAGAACTGTTGGGACTTACCT	2226
Db	2434	TCAATCTGTCTTAAATTT---GTAACTCAATTTGGAGCTAGCAGAAAGCTTAGCTC	2490
Qy	2227	GTCTAGTCACATAACCTCAGATTTCTGGGATGTGTCAGTGGCAGAGATAGGGCTAGAA	2286
Db	2491	AGCCAGTCTCATGAGCACTTGTCTGGAGGATGGCTGTGACAGAGTCAATGCTAGAAGAC	2550
Qy	2287	AGGTCTCCTGAAATCCCAAGCCAGCACTTTTCCGGTGTGATACAGATTAAGTTTGGTAC	2346
Db	2551	AGCATCCCTGATTTCCCAAGCTCTGCAC--TTGCTTAGTGGCCACGTTGAATTTACTTTAG	2609
Qy	2347	CATTAAATCTTAGGGAATTTCAAGATTCCTATTGACCTCATGTAATCTGAAGAAGTACTTG	2406
Db	2610	GATTAAGTATTGGGAA--GCCAATTTCCCAACCGACCTCATATTAATCCGAAAGACATGCA	2667
Qy	2407	TTTHAAACAGAAAAATTCCTATGGGCAAAATTTATTTTGAAGTCATTTTGAAGTCATTAA	2466
Db	2668	TTGAAACTAGAAA-----GCTGGGCAAACTTACTAGAGATGATTTTTGAGCTCATTA	2723
Qy	2467	TGCATTGCTTTGAAACTTTGGAAGAAATAAACTCGAACAATGAGAAAGAGCTCGACTTCG	2526
Db	2724	ACTGATGCTCTGAAATGTGATCAATCAATCCAGAAATTAACAAGAAAGCTGGATTGTC	2783
Qy	2527	ATATAGGGCTAATTTCTGGAGTAAATAACACTTAT-----TTTGAATATCATAAATA	2578
Db	2784	AAATPAGGACAAGTATTTAGAATCACTGGTATTAAACAGCTGTCTTAAATTAATAATAG	2843
Qy	2579	TCT---ATCAGATATTGTTATAGTTTAAAGCGAGAGCAGACAAC--CCCGATCTCTTTT	2634
Db	2844	TGTCATTTAGCTGCCCTATTTAAGATTAAACAAAGAGTGGATACTTCCCAATTTACTG	2903
Qy	2635	ATACAGGTTCAAAATPAGAGTAAAAATAATTAGTAAAGAGATTTTATTATAGTTAAATGGA	2694

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RESULT 6
US-10-027-632-208140
; Sequence 208140, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 208140
; LENGTH: 637

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; TYPE: DNA
; ORGANISM: Human
US-10-027-632-208140

Query Match      12.8%; Score 611.8; DB 13; Length 637;
Best Local Similarity 99.2%; Pred. No. 5.2e-146;
Matches 632; Conservative 3; Mismatches 0; Indels 2; Gaps 2;

QY 3289 CATGGTGATCTGTGTGATTTTCAAGACCTTTAATCCA-TTTTGAAGAATCAATTTTCA 3347
Db 1 CATGGTGATCTGTGTGATTTTCAAGACCTTTAATCCAATTTTGAAGAATCAATTTTCA 60

QY 3348 TTTGCAATGGTTCGCCATGTGGAAGAGTGATTAATGCTTTTGTCTGTAGCTTCAGAAAG 3407
Db 61 TTTGCAATGGTTCGCCATGTGGAAGAGTGATTAATGCTTTTGTCTGTAGCTTCAGAAAG 120

QY 3408 CACAGGAGGAGAGCAATGTTGTTC-A-GAGAAAGATCAACAGGAGGAGAACTGTGCAGAG 3466
Db 121 CACAGGAGGAGAGCAATGTTGTTCATGAGAAAGATCAACAGGAGGAGAACTGTGCAGAG 180

QY 3467 CTGCTCAAAATAGGGTGGTTTGGAGGCATTAATTCCTCTCGTTGGGGGTAAAGCAG 3526
Db 181 CTGCTCAAAATAGGGTGGTTTGGAGGCATTAATTCCTCTCGTTGGGGGTAAAGCAG 240

QY 3527 AACGCAAGTTGGTAGTAAATGCAATGACACACAGTAGGAGCAATAAATTTTAAATTC 3586
Db 241 AACGCAAGTTGGTAGTAAATGCAATGACACAGTAGGAGCAATAAATTTTAAATTC 300

QY 3587 TTATAGCTTGGAGTCTTTGAGATAGAAAGAAATATCTTTTGGCCCTTAATGTCAAAAGAA 3646
Db 301 TTATAGCTTGGAGTCTTTGAGATAGAAAGAAATATCTTTTGGCCCTTAATGTCAAAAGAA 360

QY 3647 GTATGAAAGGTGAAGGGCGGAGAAAGCAGAGAAAGAGAACCATGATTTATATAGA 3706
Db 361 GTATGAAAGGTGAAGGGCGGAGAAAGCAGAGAAAGAGAACCATGATTTATATAGA 420

QY 3707 GGCACATGGTGACAGAGTTTCTTGAAATTTGGTTCCTTCGATTAAGTTGGGATTCCTCA 3766
Db 481 AGTAGGGAATGCTTTTCACTTGAATTTGGTTCCTTCGATTAAGTTGGGATTCCTCA 540

QY 3827 TCTGCATTTGACCTTGGAGAGAGAAAGATGAATGTTAGGACCTATATCTGGTTTCTATT 3886
Db 541 TCTGCATTTGACCTTGGAGAGAGAAAGATGAATGTTAGGACCTATATCTGGTTTCTATT 600

QY 3887 AACTAAGCAAGTGGAAAGACTTATTTGGTATTTT 3923
Db 601 AACTAAGCAAGTGGAAAGACTTATTTGGTATTTT 637
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RESULT 7
US-10-027-632-208141
; Sequence 208141, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
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; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 208141
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-208141

Query Match      12.8%; Score 611.8; DB 13; Length 637;
Best Local Similarity 99.2%; Pred. No. 5.2e-146;
Matches 632; Conservative 3; Mismatches 0; Indels 2; Gaps 2;

QY 3289 CATGGTGATCTGTGTGATTTTCAAGACCTTTAATCCA-TTTTGAAGAATCAATTTTCA 3347
Db 1 CATGGTGATCTGTGTGATTTTCAAGACCTTTAATCCAATTTTGAAGAATCAATTTTCA 60

QY 3348 TTTGCAATGGTTCGCCATGTGGAAGAGTGATTAATGCTTTTGTCTGTAGCTTCAGAAAG 3407
Db 61 TTTGCAATGGTTCGCCATGTGGAAGAGTGATTAATGCTTTTGTCTGTAGCTTCAGAAAG 120

QY 3408 CACAGGAGGAGAGCAATGTTGTTC-A-GAGAAAGATCAACAGGAGGAGAACTGTGCAGAG 3466
Db 121 CACAGGAGGAGAGCAATGTTGTTCATGAGAAAGATCAACAGGAGGAGAACTGTGCAGAG 180

QY 3467 CTGCTCAAAATAGGGTGGTTTGGAGGCATTAATTCCTCTCGTTGGGGGTAAAGCAG 3526
Db 181 CTGCTCAAAATAGGGTGGTTTGGAGGCATTAATTCCTCTCGTTGGGGGTAAAGCAG 240

QY 3527 AACGCAAGTTGGTAGTAAATGCAATGACACACAGTAGGAGCAATAAATTTTAAATTC 3586
Db 241 AACGCAAGTTGGTAGTAAATGCAATGACACACAGTAGGAGCAATAAATTTTAAATTC 300

QY 3587 TTATAGCTTGGAGTCTTTGAGATAGAAAGAAATATCTTTTGGCCCTTAATGTCAAAAGAA 3646
Db 301 TTATAGCTTGGAGTCTTTGAGATAGAAAGAAATATCTTTTGGCCCTTAATGTCAAAAGAA 360

QY 3647 GTATGAAAGGTGAAGGGCGGAGAAAGCAGAGAAAGAGAACCATGATTTATATAGA 3706
Db 361 GTATGAAAGGTGAAGGGCGGAGAAAGCAGAGAAAGAGAACCATGATTTATATAGA 420

QY 3707 GGCACATGGTGACAGAGTTTCTTGAAATTTGGTTCCTTCGATTAAGTTGGGATTCCTCA 3766
Db 421 GGCACATGGTGACAGAGTTTCTTGAAATTTGGTTCCTTCGATTAAGTTGGGATTCCTCA 480

QY 3767 AGTAGGGAATGCTTTTCACTTGAATTTGGTTCCTTCGATTAAGTTGGGATTCCTCA 3826
Db 481 AGTAGGGAATGCTTTTCACTTGAATTTGGTTCCTTCGATTAAGTTGGGATTCCTCA 540

QY 3827 TCTGCATTTGACCTTGGAGAGAGAAAGATGAATGTTAGGACCTATATCTGGTTTCTATT 3886
Db 541 TCTGCATTTGACCTTGGAGAGAGAAAGATGAATGTTAGGACCTATATCTGGTTTCTATT 600

QY 3887 AACTAAGCAAGTGGAAAGACTTATTTGGTATTTT 3923
Db 601 AACTAAGCAAGTGGAAAGACTTATTTGGTATTTT 637
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RESULT 8
US-10-027-632-208142
; Sequence 208142, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
```

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; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 208142
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-208142

Query Match          12.8%; Score 611.8; DB 13; Length 637;
Best Local Similarity 99.2%; Pred. No. 5.2e-146;
Matches 632; Conservative 3; Mismatches 0; Indels 2; Gaps 2;

QY 3289 CATGGTGATCTGTGTGATTTTCAAGACCTTTAAATCCA-TTTTGAAGAATCAATTTTCA 3347
Db 1 CATGGTGATCTGTGTGATTTTCAAGACCTTTAAATCCAATTTTGAAGAATCAATTTTCA 60

QY 3348 TTTGCAATGGTTCATGTCATGGAAGATGATTAATGCTTTTTCGTGAGTTCAGAAAG 3407
Db 61 TTTGCAATGGTTCATGTCATGGAAGATGATTAATGCTTTTTCGTGAGTTCAGAAAG 120

QY 3408 CACAGAGGGAGAGCAATGTTGTTCA-GAGAAAGATCAACAGGAGGAGAACTGTCTAGAG 3466
Db 121 CACAGAGGGAGAGCAATGTTGTTCAAGAAAGATCAACAGGAGGAGAACTGTCTAGAG 180

QY 3467 CTGCTCAATAGGGTGGTTCGAGATAGTAAATTAATTCCTCTCGTTGGGGTAAAGAG 3526
Db 181 CTGCTCAATAGGGTGGTTCGAGATAGTAAATTAATTCCTCTCGTTGGGGTAAAGAG 240

QY 3527 AACCGAGGTTGGTAGTAAATATGATGACAGACAGTGGGAGCAATATAAATTTTAAATTTCT 3586
Db 241 AACCGAGGTTGGTAGTAAATATGATGACAGACAGTGGGAGCAATATAAATTTTAAATTTCT 300

QY 3587 TTATAGTCTTTGGAGTCTTTGAGATAGAAAAGAAATATCTTTTGGCCCTTATGTCAAAAGAA 3646
Db 301 TTATAGTCTTTGGAGTCTTTGAGATAGAAAAGAAATATCTTTTGGCCCTTATGTCAAAAGAA 360

QY 3647 GTATGGAAGGTGAAGGGCGGAGAAAGCAGGAAAGAAAGCAATGATATATATAGA 3706
Db 361 GTATGGAAGGTGAAGGGCGGAGAAAGCAGGAAAGAAAGCAATGATATATATAGA 420

QY 3707 GGCAATATGGTGAAGGTTTCTTGAATTAATGCAAAATATGATAGATTAGAGGAATTTTC 3766
Db 421 GGCAATATGGTGAAGGTTTCTTGAATTAATGCAAAATATGATAGATTAGAGGAATTTTC 480

QY 3767 AGTAGGGAATGCTTTTCACTTGAATTTGGGTTTCTCTTCGATTAAGTTTGGATCTTCA 3826
Db 481 AGTAGGGAATGCTTTTCACTTGAATTTGGGTTTCTCTTCGATTAAGTTTGGATCTTCA 540

QY 3827 TCTGCATTTGACCTTGGAGAGAGAAAGAAATGAATGTTTAGGACCTTATATCTGGTTTCTATT 3886
Db 541 TCTGCATTTGACCTTGGAGAGAGAAAGAAATGAATGTTTAGGACCTTATATCTGGTTTCTATT 600

QY 3887 AACTAAAGCAAGTGGAAAGACATTTATTTT 3923
Db 601 AACTAAAGCAAGTGGAAAGACATTTATTTT 637
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RESULT 9

US-10-027-632-208140

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; Sequence 208140, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 208140
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-208140
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Query Match          12.8%; Score 611.8; DB 14; Length 637;
Best Local Similarity 99.2%; Pred. No. 5.2e-146;
Matches 632; Conservative 3; Mismatches 0; Indels 2; Gaps 2;

QY 3289 CATGGTGATCTGTGTGATTTTCAAGACCTTTAAATCCA-TTTTGAAGAATCAATTTTCA 3347
Db 1 CATGGTGATCTGTGTGATTTTCAAGACCTTTAAATCCAATTTTGAAGAATCAATTTTCA 60

QY 3348 TTTGCAATGGTTCATGTCATGGAAGATGATTAATGCTTTTTCGTGAGTTCAGAAAG 3407
Db 61 TTTGCAATGGTTCATGTCATGGAAGATGATTAATGCTTTTTCGTGAGTTCAGAAAG 120

QY 3408 CACAGAGGGAGAGCAATGTTGTTCA-GAGAAAGATCAACAGGAGGAGAACTGTCTAGAG 3466
Db 121 CACAGAGGGAGAGCAATGTTGTTCATGAGAAAGATCAACAGGAGGAGAACTGTCTAGAG 180

QY 3467 CTGCTCAATAGGGTGGTTCGAGATAGTAAATTAATTCCTCTCGTTGGGGTAAAGAG 3526
Db 181 CTGCTCAATAGGGTGGTTCGAGATAGTAAATTAATTCCTCTCGTTGGGGTAAAGAG 240

QY 3527 AACCGAGGTTGGTAGTAAATATGATGACAGACAGTGGGAGCAATATAAATTTTAAATTTCT 3586
Db 241 AACCGAGGTTGGTAGTAAATATGATGACAGACAGTGGGAGCAATATAAATTTTAAATTTCT 300

QY 3587 TTATAGTCTTTGGAGTCTTTGAGATAGAAAAGAAATATCTTTTGGCCCTTATGTCAAAAGAA 3646
Db 301 TTATAGTCTTTGGAGTCTTTGAGATAGAAAAGAAATATCTTTTGGCCCTTATGTCAAAAGAA 360

QY 3647 GTATGGAAGGTGAAGGGCGGAGAAAGCAGGAAAGAAAGCAATGATATATATAGA 3706
Db 361 GTATGGAAGGTGAAGGGCGGAGAAAGCAGGAAAGAAAGCAATGATATATATAGA 420

QY 3707 GGCAATATGGTGAAGGTTTCTTGAATTAATGCAAAATATGATAGATTAGAGGAATTTTC 3766
Db 421 GGCAATATGGTGAAGGTTTCTTGAATTAATGCAAAATATGATAGATTAGAGGAATTTTC 480

QY 3767 AGTAGGGAATGCTTTTCACTTGAATTTGGGTTTCTCTTCGATTAAGTTTGGATCTTCA 3826
Db 481 AGTAGGGAATGCTTTTCACTTGAATTTGGGTTTCTCTTCGATTAAGTTTGGATCTTCA 540

QY 3827 TCTGCATTTGACCTTGGAGAGAGAAAGAAATGAATGTTTAGGACCTTATATCTGGTTTCTATT 3886
Db 541 TCTGCATTTGACCTTGGAGAGAGAAAGAAATGAATGTTTAGGACCTTATATCTGGTTTCTATT 600
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QY 3887 AACTAAAGCAAGTGGAAAGACTTATTGGTATTTTT 3923
Db 601 AACTAAAGCAAGTGGAAAGACTTATTGGTATTTTT 637

RESULT 10

US-10-027-632-208141
; Sequence 208141, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 208141
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-208141

Query Match 12.8%; Score 611.8; DB 14; Length 637;
Best Local Similarity 99.2%; Pred. No. 5.2e-146;
Matches 632; Conservative 3; Mismatches 0; Indels 2; Gaps 2;

QY 3289 CATGCTGATCTGTGTGATTTTCAAGACCTTTAATCCCA-TTTTGAAGAATCAATTTTCATA 3347
Db 1 CATGCTGATCTGTGTGATTTTCAAGACCTTTAATCCCAATTTTGAAGAATCAATTTTCATA 60

QY 3348 TTTTCAATGGTTCCTGATGGAAGAGTATGCTTTTTCGTAGCTTCAGAAAG 3407
Db 61 TTTTCAATGGTTCCTGATGGAAGAGTATGCTTTTTCGTAGCTTCAGAAAG 120

QY 3408 CACAGGAGGAGAGCAATGTTTTCATGAGAAAGATCAACAGGAGGAGAACTGTCTCAGAG 3466
Db 121 CACAGGAGGAGAGCAATGTTTTCATGAGAAAGATCAACAGGAGGAGAACTGTCTCAGAG 180

QY 3467 CTGTCTGAAATAGAGGTGTTTGGAGGCAATTAATCCCTCTGTGTTGGGGTAAAAGCAG 3526
Db 181 CTGTCTGAAATAGAGGTGTTTGGAGGCAATTAATCCCTCTGTGTTGGGGTAAAAGCAG 240

QY 3527 AACGACAGTTCGTAGTAAATGTCATGACAGCAGTACGAGGAGCAATTTTAAATTTCT 3586
Db 241 AACGACAGTTCGTAGTAAATGTCATGACAGCAGTACGAGGAGCAATTTTAAATTTCT 300

QY 3587 TTATAGTCTTGGAGTCTTTTGATAGTAAAGAAATATCTTTTGGCCCTTATGTCAAAAGAA 3646
Db 301 TTATAGTCTTGGAGTCTTTTGATAGTAAAGAAATATCTTTTGGCCCTTATGTCAAAAGAA 360

QY 3647 GTATGGAAGAGTGAAGCGGGAAGAGCAAGGAAAGAGGAGCAATGTTTATATAGA 3706
Db 361 GTATGGAAGAGTGAAGCGGGAAGAGCAAGGAAAGAGGAGCAATGTTTATATAGA 420

QY 3707 GGACAATGGTGCAAGGTTTTTCTTGAATAATCAATATGATAGATTAAGAGGAATTTCT 3766
Db 421 GGACAATGGTGCAAGGTTTTTCTTGAATAATCAATATGATAGATTAAGAGGAATTTCT 480

QY 3767 AGTAGGGAATGCTTTTCACTTGAATTTGGGTTTCTCTTCGATTAAAGTTTGGGATCTCTCA 3826
Db 481 AGTAGGGAATGCTTTTCACTTGAATTTGGGTTTCTCTTCGATTAAAGTTTGGGATCTCTCA 540
QY 3827 TCTGCATTTGACTTTGGAGAGAGAAAGAAATGAATGTTAGGACCTATATCTGTTTCTTATT 3886
Db 541 TCTGCATTTGACTTTGGAGAGAGAAAGAAATGAATGTTAGGACCTATATCTGTTTCTTATT 600
QY 3887 AACTAAAGCAAGTGGAAAGACTTATTGGTATTTTT 3923
Db 601 AACTAAAGCAAGTGGAAAGACTTATTGGTATTTTT 637

RESULT 11

US-10-027-632-208142
; Sequence 208142, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 208142
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-208142

Query Match 12.8%; Score 611.8; DB 14; Length 637;
Best Local Similarity 99.2%; Pred. No. 5.2e-146;
Matches 632; Conservative 3; Mismatches 0; Indels 2; Gaps 2;

QY 3289 CATGCTGATCTGTGTGATTTTCAAGACCTTTAATCCCA-TTTTGAAGAATCAATTTTCATA 3347
Db 1 CATGCTGATCTGTGTGATTTTCAAGACCTTTAATCCCAATTTTGAAGAATCAATTTTCATA 60

QY 3348 TTTTCAATGGTTCCTGATGGAAGAGTATGCTTTTTCGTAGCTTCAGAAAG 3407
Db 61 TTTTCAATGGTTCCTGATGGAAGAGTATGCTTTTTCGTAGCTTCAGAAAG 120

QY 3408 CACAGGAGGAGAGCAATGTTTTCATGAGAAAGATCAACAGGAGGAGAACTGTCTCAGAG 3466
Db 121 CACAGGAGGAGAGCAATGTTTTCATGAGAAAGATCAACAGGAGGAGAACTGTCTCAGAG 180

QY 3467 CTGTCTGAAATAGAGGTGTTTGGAGGCAATTAATCCCTCTGTGTTGGGGTAAAAGCAG 3526
Db 181 CTGTCTGAAATAGAGGTGTTTGGAGGCAATTAATCCCTCTGTGTTGGGGTAAAAGCAG 240

QY 3527 AACGACAGTTCGTAGTAAATGTCATGACAGCAGTACGAGGAGCAATTTTAAATTTCT 3586
Db 241 AACGACAGTTCGTAGTAAATGTCATGACAGCAGTACGAGGAGCAATTTTAAATTTCT 300

QY 3587 TTATAGTCTTGGAGTCTTTTGATAGTAAAGAAATATCTTTTGGCCCTTATGTCAAAAGAA 3646
Db 301 TTATAGTCTTGGAGTCTTTTGATAGTAAAGAAATATCTTTTGGCCCTTATGTCAAAAGAA 360

FILE REFERENCE: P3530PLC101
CURRENT APPLICATION NUMBER: US/10/230.130
CURRENT FILING DATE: 2002-08-28
PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/069873
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 246
SEQ ID NO 243
LENGTH: 1152
TYPE: DNA
ORGANISM: Homo Sapien
US-10-230-130-243

Query Match 5.1%; Score 244; DB 12; Length 1152;
Best Local Similarity 100.0%; Pred. NO. 1.8e-51;
Matches 244; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 CTTGAGAACAGGTTCTCTCTCCAGTCACAGTGTCTCGAGTTAGAAATGTCGCAATG 60
QY 75 GCCGCCCTGAGAAATCTGTGAGCTCTTCTTATGGGAGACCTGGCCACCACTGCGCTC 134
Db 61 GCCGCCCTGAGAAATCTGTGAGCTCTTCTTATGGGAGACCTGGCCACCACTGCGCTC 120
QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGCCCATCAGCTCCCACTGCAGG 180
QY 195 CTTGACAAGTCCAACTTCCAGAGCCCTATATCACCACCGACCTTATCAGTGTGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGAGCCCTATATCACCACCGACCTTATCAGTGTGCTAAG 240
QY 255 GAGG 258
Db 241 GAGG 244

RESULT 15

US-10-230-130-243
Sequence 243, Application US/10230130
Publication No. US20040019183A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin L.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3530PLC101
CURRENT APPLICATION NUMBER: US/10/230.130
CURRENT FILING DATE: 2002-08-28
PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/069873
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 246
SEQ ID NO 243
LENGTH: 1152
TYPE: DNA
ORGANISM: Homo Sapien
US-10-230-130-243

Query Match 5.1%; Score 244; DB 12; Length 1152;
Best Local Similarity 100.0%; Pred. NO. 1.8e-51;
Matches 244; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 15 CTTGAGAACAGGTTCTCTCTCCAGTCACAGTGTCTCGAGTTAGAAATGTCGCAATG 74
Db 1 CTTGAGAACAGGTTCTCTCTCCAGTCACAGTGTCTCGAGTTAGAAATGTCGCAATG 60
QY 75 GCCGCCCTGAGAAATCTGTGAGCTCTTCTTATGGGAGACCTGGCCACCACTGCGCTC 134
Db 61 GCCGCCCTGAGAAATCTGTGAGCTCTTCTTATGGGAGACCTGGCCACCACTGCGCTC 120
QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGCCCATCAGCTCCCACTGCAGG 180
QY 195 CTTGACAAGTCCAACTTCCAGAGCCCTATATCACCACCGACCTTATCAGTGTGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGAGCCCTATATCACCACCGACCTTATCAGTGTGCTAAG 240
QY 255 GAGG 258
Db 241 GAGG 244

Search completed: February 11, 2004, 14:11:41
Job time : 1568.02 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 10, 2004, 21:08:20 ; Search time 243.418 Seconds
(without alignments)
8698.281 Million cell updates/sec

Title: US-09-751-797-25

Perfect score: 4797
Sequence: 1 tgcacacagcagaattctcag.....gatgccccaaagcagattttt 4797

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 569378 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA:*
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2: /cgn2_6/prodata/2/ina/5B_COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4797	100.0	4797	4	US-09-419-568F-25
2	4797	100.0	4797	4	US-09-354-243B-25
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4	686	14.3	7445	4	US-09-419-568F-8
5	686	14.3	7445	4	US-09-354-243B-8
6	650	13.6	5935	3	US-09-178-973B-17
7	650	13.6	5935	4	US-09-419-568F-29
8	650	13.6	5935	4	US-09-354-243B-29
9	258	5.4	690	4	US-09-419-568F-24
10	258	5.4	690	4	US-09-354-243B-24
11	244	5.1	1152	4	US-09-870-574-1
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13	127.6	2.7	1111	4	US-09-419-568F-9
14	127.6	2.7	1111	4	US-09-354-243B-9
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16	126	2.6	1119	4	US-09-419-568F-7
17	126	2.6	1119	4	US-09-354-243B-7
18	124.4	2.6	70000	4	US-09-851-896-3
19	121	2.5	7680	4	US-09-210-748A-3
20	109	2.3	43069	4	US-09-292-542A-1
21	101.8	2.1	148567	4	US-09-801-875B-3
22	94.2	2.0	50000	4	US-09-146-053-3
23	80.8	1.7	99500	4	US-09-798-096-10
24	80.8	1.7	174493	4	US-09-804-471A-3
25	80.4	1.7	7210	2	US-08-257-963B-10
26	80.4	1.7	7210	4	US-08-367-841A-10
27	80.4	1.7	7210	5	PCT-US95-07201-10

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c	29	80.4	1.7	22481	4	US-08-367-841A-43	Sequence 43, Appl
c	30	80.4	1.7	22481	5	PCT-US95-07201-43	Sequence 43, Appl
c	31	80.4	1.7	22484	4	US-09-875-223-2	Sequence 2, Appli
c	32	77.4	1.6	7218	1	US-08-232-463-14	Sequence 14, Appli
	33	72.8	1.5	49136	3	US-09-422-869-1	Sequence 1, Appli
	34	72.2	1.5	20598	4	US-09-593-995-10	Sequence 10, Appl
	35	67.4	1.4	679	3	US-08-642-274D-51	Sequence 51, Appl
	36	67.4	1.4	679	3	US-08-952-014C-51	Sequence 51, Appl
	37	65.6	1.4	2889	4	US-09-016-434-1192	Sequence 1192, Ap
	38	64	1.3	7218	1	US-08-232-463-14	Sequence 14, Appl
	39	59.2	1.2	4235	4	US-09-620-312D-380	Sequence 380, App
	40	52.6	1.1	955	4	US-09-641-638-19	Sequence 19, Appl
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c	42	46.8	1.0	50000	4	US-09-146-053-4	Sequence 4, Appli
	43	44.6	0.9	1830121	4	US-09-557-884-1	Sequence 1, Appli
	44	44.6	0.9	1830121	4	US-09-643-990A-1	Sequence 1, Appli
	45	40.2	0.8	1850	3	US-08-617-860B-32	Sequence 32, Appl

ALIGNMENTS

RESULT 1
US-09-419-568F-25
; Sequence 25, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa:
; TITLE OF INVENTION: (TIFF) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 25
; LENGTH: 4797
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-419-568F-25

Query Match	100.0%;	Score 4797;	DB 4;	Length 4797;
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Matches 4797;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	TGCACAGCAGATCTTCAGAACAGGTTCTCTTCCCGAGTCACAGTTGCTCGAGTTAG	60	
Db	1	TGCACAGCAGATCTTCAGAACAGGTTCTCTTCCCGAGTCACAGTTGCTCGAGTTAG	60	
Qy	61	AAATGTCTGCAATGGCGCCCTCCAGAAATCTGTAGAGCTTTTCTTATGGGACCCCTGG	120	
Db	61	AAATGTCTGCAATGGCGCCCTCCAGAAATCTGTAGAGCTTTTCTTATGGGACCCCTGG	120	
Qy	121	CCACAGCTGCTCTTCTTGGCCCTCTTGGTACAGGAGGAGGAGCTGCGCCCATCA	180	
Db	121	CCACAGCTGCTCTTCTTGGCCCTCTTGGTACAGGAGGAGGAGCTGCGCCCATCA	180	
Qy	181	GCTCCCACTCAGGCTTGACAAGTCCAACTTCCAGAGCCCTATATCACCAGCCGACCT	240	
Db	181	GCTCCCACTCAGGCTTGACAAGTCCAACTTCCAGAGCCCTATATCACCAGCCGACCT	240	
Qy	241	TCATGTGGTAAAGGAGTATACATCTCAATCTGCTCTTCTCGTGGATCTACTTGA	300	
Db	241	TCATGTGGTAAAGGAGTATACATCTCAATCTGCTCTTCTCGTGGATCTACTTGA	300	
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301	ATCCAAATAGTCTCTTAAACCTTTCTTCAGAGCATCTCTAAGAGCTTTAGGAAACCCACTGT	360
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421	TTTTTTTTCTTGAACTTCCTTCCATTTTGGCCCTTTATGATACATATCATGAATTTT	480
421	TTTTTTTTCTTGAACTTCCTTCCATTTTGGCCCTTTATGATACATATCATGAATTTT	480
481	CCCAAGAGCGGCATTCAGTAATCCATCTGATGATTTTTTTTTTCCTTTATGCTCTGTG	540
481	CCCAAGAGCGGCATTCAGTAATCCATCTGATGATTTTTTTTTTCCTTTATGCTCTGTG	540
541	CATTGTTCTAAACCTCATGACACATCTGAATCTGCTTTTAGTCTTTATGATGTTGCTCT	600
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601	GGGAGACGGATGGGSCACATGCTATGATATAATTTTTTTTCTATTGCTCAATGCTCC	660
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US-09-354-243B-25
; Sequence 25 Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIFs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: JUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
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; LENGTH: 4797
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
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Matches 4797; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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US-09-178-973B-8
; Sequence 8, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
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; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5443
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-8
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Query Match 14.3%; Score 686; DB 3; Length 7445;

Best Local Similarity 53.8%; Pred. No. 1.8e-182;

Matches 2644; Conservative 0; Mismatches 1875; Indels 393; Gaps 44;

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RESULT 4

US-09-419-568P-8
; Sequence 8, Application US/09419568P
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIFB) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568P
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 8

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; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-8

Query Match      14.3%; Score 686; DB 4; Length 7445;
Best Local Similarity 53.8%; Pred. No. 1.8e-182;
Matches 2644; Conservative 0; Mismatches 1875; Indels 393; Gaps 44;

Qy 29 CTCCTTCCCAAGTCACCAAGTTGCTCGAGTTAGAAATCTCTGCATGCGCATCTCTGATGCGTCTCTCGAGAA 88
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Db 5043 TGTAGGCTGATAAACAACACTTGT---TTCTTTTGGTGTCTATGGCTTTGTAGATTTTAA 5100
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Db 5101 GTGCTCTGCCAGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 5158
QY 3186 GCATGCCACACACAAGGCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3245
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QY 3641 AAAGAGTATGGAAGG-----TGAAAGGGCGGAGAAAGAGAGGAAAGGAAG 3688
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QY 3689 AACCATGTATTATATAGAGGCAATGTGTGACAAAGTCTTCTTCAAAATATGCAAAATG 3748
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Qy 3522 AGCAGAAACGAGGTGTGTAGTAAAT - GCATGACAGACAGTAGGGAGCAGATAAATTA 3580
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Db 5903 CTTGACAAAATAATGGAACCTTGTGTTGCTTTGTTGTTTGTGTTTGTGTTTGAAGAC 5962
Qy 3982 CCTTAATGATTTGGTGAATACATGGTTCAAAGTCAATTTGAGTAGAGATGTTTAAATCAG 4041
Db 5963 AGGCAAAAGCCGACCATGGTGTGAATGGGTCTTTGAGTCAAGCCTTTGAGTTGAG 6022
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Db 6023 CATCATCAATAGTT ---GATCATGGTCAGGTGGAGGC 6058
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Qy 4162 TAGAAAGTTTATGAATTTCTGTTAGGGTGCAATCAAAGTGTCTTGGGCCATGTGGGC 4221
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Qy 4222 CTGTGGGCTCGAGTTGGACAAAGCTCTTATAAGTAATCTGTATAGATAGTTTGGAGC 4281

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Qy 4402 TTTATAGTGTGAGGTGCACCTGAAATGTATGCTGCTGCTGTGGCT -CTCAGTCCAGAGA 4460
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RESULT 6
US-09-178-973B-17
; Sequence 17, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumontier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIFs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 17
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-17

Query Match 13.6%; Score 650; DB 3; Length 5935;
Best Local Similarity 56.5%; Pred. No. 2.1e-172;
Matches 1863; Conservative 0; Mismatches 1285; Indels 152; Gaps 29;

Qy 29 CTCCTTCCCAAGTCCAGTTCGAGTTAGAAATTCCTGCAATGCGCCCTCCAGAA 88
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Qy 89 ATCTGAGCTCTTTCTTATGGGACCTTGGCCACAGCTGCTCTTCTTTGGCCT 148
Db 416 ATCTATGAGTTTTCCTTATGGGACTTTGGCGCAGCTGCTGCTTCTTCTGCT 475
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Db 2137 AGATATCTGAGGTATTGGGCTCCACCGGATAAGATCTGTTAGTGA-GTCTGCTTTTA 2195
Qy 1931 TTTTATACATTTGAAGTCTGATGCTGATATTCAGAGAAATGTCAGAAAGCTGAAG 1990
Db 2196 TTTTGCAGCATCAGTGGTGACGACCAAGAACATCCAGAGAAATGTGAGAGGCTGAAGG 2255
Qy 1991 ACACAGTCAAAAAGGTAGGACTGATACTGTAAGTCAATGCTAAGTCAATAGGAGAGACA 2050
Db 2256 AGACAGTCAAAAAGGTACTATTGGCAAGCCACATCTAAGCCATTAGTAGGAGACGTG 2315
Qy 2051 AATGTTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 2110
Db 2316 GGGATTTCTTCTCTGCTTCCAGTCT--CTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 2373
Qy 2111 CTACCACAGGCGCAAT-----ACTTGGTGTCTGTGTATGATATATCTATATATCTA 2166
Db 2374 CTACTGTCTGGTCCCACTTACTCCTTACTGACCTGATCTAGTGGGTCTATAGATCTT 2433
Qy 2167 GATGTCAGTTTCCAAATCTTGCAAATTTGTAATCTTAGAACTGGTGGGATCTTAGCTT 2226
Db 2434 TCAATCTGTCTAAATTT---GTAAGTCACAATTTCTGGAGTACAGAAAGCTTAGCTC 2490
Qy 2227 GTCTAGTCACATAACCTCAGATTTCTGGGATGGTCAAGTGGCAGAGATAGGCTAGAAATG 2286
Db 2491 AGCCAGTCTCATGAGCACTTCTCGAGGATGGCTGTGACAGAGTCAATGCTTAGAGAC 2550
Qy 2287 AGGTCCTCTGAATCCCAAGCCAGCACTTTTCCCGGTGGTGATACAGATTAAGTTTGGTAC 2346
Db 2551 AGCATCCCTGATTTCCAGCTCTGCAC-TTGGCTAGTGGCCACGCTGTAATTAATCTTAGCCT 2609

2347 CATTAATCTTAGGGAATTCAGATTCTCTATTGACTCTGTAATCTGTAAGAGTACTTG 2406
2610 GATTAGTATTTGGGAAA--GCCAATCCCGACCTACATAATCCGAAGAGCATGCA 2667
2407 TTTAAAACAGAAAATGCTATGGGCAATTTTATTGAAGTCATTTTGAAGTCATTTAA 2466
2668 TTGAAACTAGAAA---GCTGGGCACAACTTACTAGAGATGATTTTGGCTCATTTAA 2723
2467 TGCATTGCTTTGAAACTTGGAGAAATAAATCTCAGAAACAATGAGAAAAGAGCTGGCTGC 2526
2724 ACTGATGCTCTGAAATGATGATCAATCAACCCAGAAATACACAAAGAGCTGGATTGC 2783
2527 ATATAGGCTTAATTTCTGGAGTAAATAAACAATTAT-----TTTGAATATCATTA 2578
2784 AAATAGGACAAATTTTAGAATCACTGGTATTACAGCTCTCATCTTAATTAATAATATAG 2843
2579 TCT---ATCAGATATTGATTATAGTTTAAAGCAAGCAGCAGACAAC-CCGATCTCTTTT 2634
2844 TGCTATTAGTGCCTATTATTAAGATTAAACAGAGTGGATACTTCCCAATTTACTG 2903
2635 ATACAGGTTCAATAGAGTAAAAATATTAGTAAGAGATTATTATATAGTTTAAATGGAAGTC 2694
2904 GGCTGGTTTCAATAGAGTAAAAATATCACTCATAGATTAAATTATAGTGTCAAGAAATG 2963
2695 TGAATTGGTAAAGCTTTTCT 2754
2964 TGAGTTGGAAGACC---CTTTCTCTTACTTTTACCTTCACTTCTTAGTTATTATTTT 3020
2755 CTTTCACTCCCTCAACAAATCCCTAGGAGCATTTATCCATGGTGGGCTGGTGACATTT 2814
3021 TCTTCACACCTGATCAAGCCACTAGTAGACCTATCTGCTCGAGCTATTATATGACT 3080
2815 CTATAGTGAATGATCAATCATGCTATGCTGCTATTTGGTGAAGAAAGAAC--ACAATGGAAGGC 2872
3081 TTAAGCAAAACAATTTGCTGTGGCTCTTTGGGGAAGGGAACAGAGTAGCAGAGGC 3140
2873 TTAGACTTAACA--TAGTGACTCAACCCAAACCGGAGGAATGATTAGGAGCAGTGAAGT 2931
3141 TCAGGCTAGCAAGTCTGAGCTCACTTAAGCCAGAGGCAATGTTGATAGCAGAGAAAT 3200
2932 GAGCTCTT--GCAAGCAGGTACAACTTAATACTCAGAAACATGAAGGCTCCAGTTGATGG 2990
3201 GAGGCTCTTCAAGTGGGTGCTTAAGTAATCAGAAACAGGAAGGCTCTGGTTGATGG 3260
2991 AATTTTCAGTAACAAGCTTAACCTTAATCCCTCTTTTCCCTCTTGAATTTTAAAAA 3050
3261 AATTTTCAGTAAGATATCTACCTTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 3313
3051 GCGTTTCTCTCTGAGCATCAATTAATGAGTGTGACTGTTTCTTCTCTTGTGATAATGAAG 3110
3314 TCTCTCTCTCTGTTGAGGCTGATAAACACAGCTTTGTT--TTCTTTTCTGAGTTTCATGG 3371
3111 CTTTGTAGTTTAAATGGAAGCCAGTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 3170
3372 CTTTGTAGATTTTTCAGTGTCTCTCCAGTTCTTGT--TAGAGGGTTTGTACCTTGACACC 3429
3171 GAGGCTGGAATTTAGCATGCCACAGCAAGGCAATGTTTACACATCTTGTCTTAAAAAT 3230
3430 TGGGCTGGATTTAGCATGCCAAGGCAACACACTTCTGATGCTCTGTAAAGGTTAT 3489
3231 TACTGATTTCACTTGTCTCTTTTAAAGAGTGAAGTGTGAGAGGAGGAGATCTCA 3290
3490 TATTCAATTTACT-----TTGCTTTTGGAAAGGTGAAGTGTGTGAGAAAGAACTCA 3541

RESULT 7

US-09-419-568F-29
; Sequence 29, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila

APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Factors
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 29
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-29

Query Match 13.6%; Score 650; DB 4; Length 5935;
Best Local Similarity 56.5%; Pred. No. 2.1e-172;
Matches 1863; Conservative 0; Mismatches 1285; Indels 152; Gaps 29;

QY 29 CTCCTTCCCAGTCCACAGTTGCTCGAGTTAGATTGCTGCAATGGCCGCGCTTCAGAA 88
DB 356 CTCTCTCTCAGTTATCACTTTTGACACTTGTGCGATCGGTGATGGCTGCTCAGAA 415
QY 89 ATCTGTGAGCTCTTTCCTTATGGGACCTGGCCACAGCTGCCCTCTCTCTTCTTGGCCT 148
DB 416 ATCTATGAGTTTTCCTTATGGGACTTTGGCCGAGCTGCTCTCTCTATTTGGCT 475
QY 149 CTTGGTACAGGAGGAGCAGCTGGCCCATCAGCTCCCTCAGCTGAGGCTTCAGAGTCAA 208
DB 476 GTGGCCGAGGAGCAATGCGCTGCCCATCAACCCGCTGCAAGTTGAGGTCTCAA 535
QY 209 CTTCCAGCAGCCCTATATCAACCCGACCTTCATGCTGCTGCTGTAAGAGGTATACATCTC 268
DB 536 CTTCCAGCAGCCGTCATCGTCAACCCGACCTTATGCTGGCCAGGAGGTACAGCTGCA 595
QY 269 AATCTCTCTCTTCTGCTGATCTACTTGAATCCAAATAGTCTTAAACTTTCTTCA 328
DB 596 TCTCTTCTCTCCAAACCGCTTCCCATTTCTGGAAGCACTTGAAGCACTTCTTAGGGC 655
QY 329 GAGCATCTTAAGAGCTTTAGGAACCCACTGTTTATCCCTGAGGAGTAAATTTCTG 388
DB 656 GCTTTATCTCCGAGGCTCTCACTACCTATGTTTTCTCTCT-----CTTTAGAG 703
QY 389 TTTTTCAGAGCTCTTGGGAATCTGGCTTTTTTTTTTTTCTTGAATCTTCTCTTCCAT 448
DB 704 ACTCTTTAAGAGCTGGATCTTTTCTATTTCTATTTTCAAGGCTCTCAGGACCATTTCTAT 763
QY 449 TTTGGCCTTTATGATACATATGATGAATTTTCCAAAGAGCGGCCATTCAGTAATCCAT 508
DB 764 CTTGGCCTTCAGGACACATATCTGAATTTTATCTACAGAGGCGGTTT--AGAAAGCA 821
QY 509 CTGATGATTTTTTTTTTCTTTATGCTCTGTCGATGTTCTTAACTCATGCAACATCTG 568
DB 822 CCCACGAGTCAATATCTTCCATCTCTGCTGCTCTCTTCTGAACTCATCTCTTCTGGC 881
QY 569 AATTCGCTTTTACTCTTTATGATGTTGCTCTGGGAGAGCGGATGGGACATGCTCTAT 628
DB 882 TACTC-----CTGAGACCCACTGCGGACATACATCTCTAC 916
QY 629 GTATAAATTTTTTTTTTCTATTGCTCAATGTCAGACCTTTAGTCTTTTCTTCTTCCAG 688
DB 917 TTACAGGCTTTTCTTCCATCTCTTGTGACCCAGGCACTTAGGGTTTTTCTCTTCTCAG 975
QY 689 GCTAGCTGCTGATACACACAGAGCTTCTGCTCTTCTTGGGAGAACTTTCTCCAGGA 748
DB 976 GCCAGCCTTCAGATAAACAACAGAGCTCCGGCTCATCGGGAGAACTTTTCCGAGGA 1035
QY 749 CTCAGTGTAGCTACAGTTGTGACAAACAGGCGCGTGTGCCGTCCATCGGTACTTGGGT 808
DB 1036 GTCAGTGTAGCTCTCTCTCTGATGAGCAGGCG-----TAGCTGGGAGCT 1082

QY 809 GGTGTGATGATGGTTTAAAGTCTTATCCCTTATGACCTTCTCTCTTCCCTTCCACCTGC 868
Db |||||
1083 GGTGACCCCTCTGGATAG-----TCTGAGGTATGACCCCTGCTGCTTCTGTCTACCTGC 1138
QY 869 AGATGAGTGAAGGCTGCTATCTGATGAAGCAGGTGCTGAATTCACCTTGAAGAAGTGC 928
Db |||||
1139 AGGCTAAGGATCAGTGTCTACCTGATGAAGCAGGTGCTCACTTCCACCTGGAAGACATTC 1198
QY 929 TGTTCCTCTCAATCTGATAGTTTCAGGCTTATATGACGAGGTGGTGGCTTCTCTGCGCA 988
Db |||||
1199 TGTCTCCCTCAGTCAAGAGTTTCGGCCCTACATGACGAGGTGGTGGCTTCTCTGACCA 1258
QY 989 GGTCAAGCAAGGCTAAGCAATGATGTAAGTTCAGCTCTCAGCCTATGCCCCACCTACCC 1048
Db |||||
1259 AACTCAGCAATCAGCTCAGCTCCTGTGTAAGTCTGGCTCTGGCTACCTATGCTCCTCTCT 1318
QY 1049 CTCCTTCTCTTCCACAGAGACCCCTTACCCCACTCTCTCTCTCTCTCTCTCTCTCTCT 1108
Db |||||
1319 CTTCTCTCTTATCCAGTAAGACCCGAGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1378
QY 1109 TAAGTACAGCAAGAAAGTCTTGGCAGCAGTGTATCAGGAGTCA-----TTTGGG 1161
Db |||||
1379 GGAGGCTCAGCACCACCATCATAGGCCACTTGAAATAGGTCAAAAGGCTTTGGC 1438
QY 1162 ATCATAGAGTATTTGCTTTTCTGCTGCTGAGTCACTCTTGAAGTGTATAGTGTGAATG 1221
Db |||||
1439 TTCAATTGAGTAATCTTTGAGTTTGTATTAAGTCTTTATTTGTTTATTCATCGAA 1498
QY 1222 GGGTCTGAACTTAAGTGTACAGAGCGCGATTTGGTTTGTCTCGGAAAAAAGGCAACTC 1281
Db |||||
1499 AGAAATCAACTCAATCTGTAGGATGAGAAAGATGTTGGGAAACGAAAAAGGCTAGAT 1558
QY 1282 AGTTGCGTAA---GATCAGAAAGTGTGGGAAACATCTAGTGTGGAAATGGATCCA 1338
Db |||||
1559 AGAGAAACAGATCTGCTCAGTACAGTACTTATGCGGGGGGGGCGAGCGCGATATCCA 1618
QY 1339 TTGAGTCTAAGTTGTTGAGGGGAGGGGATGGCATGGAGAGAAATAGAAAGAAAGTGGG 1398
Db |||||
1619 CTGAGTCCAGTACTTGTGGAGAGAAATCCACTGAGTACAAGTACTTGTGGGGGAGG 1678
QY 1399 AATGGGAAGGTTTAAAGTGGTGGTGGTGGCGAGACTGTTGGCC-----TGTGA 1450
Db |||||
1679 AATGGCACAGACAAAGTTGAAGGGAAGAGAGATGGAGGCGCTCAATGTTGGGGG 1738
QY 1451 TGTCTATGGAGGACCAAAATCGGAGGCTGTGAACTTGTATGCGCTGAACTTTGAAC 1510
Db |||||
1739 TGTGAAGTCACTCTCTTTTCCATGTGATGGAGGTTAAGAAATCAGTGTGTGAT 1798
QY 1511 TATGAAAAAAGTTTGAAGTGGAGTGGGCCAGTAAAGGCCCTTAGGACTTACTGAAGAGG 1570
Db |||||
1799 TGATGCTTTAGACACCCCACTATGGCAGACTGTGGGAGACTGGCATTTAGGGA-AGG 1857
QY 1571 GCTTAATTTTCACTAGATGTTTATCTATCTATCTGTTCTTAAGCATGCAATTTCTG 1630
Db |||||
1858 CCGGCTTTTACAGAGAACTTTATGCTCATCTCTTGTGCTACCTCCACCTTTGAT 1917
QY 1631 GAGATACGATTGAGGTTTATTCCTTACAGAAATTTGCATAAATACTCCGCTCTTTCCAC 1690
Db |||||
1918 GAGGTTAAGCTCAGGTTTCTTCT-----ACCGTTCTTGTCTAC 1956
QY 1691 AATGCAAACTCAGTAGATTTCCAAAGATGAAGAGAGTCTCTTGTAAAGGAAGTGA 1750
Db |||||
1957 TGGTGAACCTTCAGTAGATTTCCCAAGACGAGGACAGCTCTCTGTGAAGGAGGAGC 2016
QY 1751 CTGGATTTCTGGGCTCAAGGGAATTCAGAGGCTCAGGAAATCTAGGTCACTGTGTAATC 1810
Db |||||
2017 CTGGATTTCTAGAGTCTTAGAGAACGAATAGCTCAGAGAACTTAGGTCAAGCTGAATCT 2076
QY 1811 TAGGTCAATTGGGCAAAATTTACTAAGAGCTTTAATCCAGTGAAATGTGTACTGCTC 1870
Db |||||
2077 AGGTACACGCGGCAAAATGACTGAAGCCTCTATTCCAGGTGAACGCTCAGCTGCTC 2136

QY 1871 CATGGTGTGGAGGTTTATAAAGTTTCAGACCAACATTAAGATAGTTATGCTGTATTG 1930
Db |||||
2137 AGATATACTAGGATTTGGGCTCCACCGGATAAGATTCTGTAGTGA-GTCTGCTTTTA 2195
QY 1931 TTTTATAGCATATGGAAGTGTATGACCTGCATATCCAGAGGAATGTGCAAAAGCTGAAG 1990
Db |||||
2196 TTTTCAGCACATCAGTGGTGCAGCAGCAACATCCAGAAAGTGTCAAGAGGCTGAAGG 2255
QY 1991 ACACAGTGAAGAGGTAGGACTGATACTGTCAATGTCAAGTCAATAGGATAGGAGAGACA 2050
Db |||||
2256 AGCAGTGAAGAGGTACTATTGGCAAGCCCAATTAAGCCATTAGTAGGAGACGTG 2315
QY 2051 AATGTTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 2110
Db |||||
2316 GGGATTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 2373
QY 2111 CTACACAGGCGGAT-----ACTTGGTGTCTGTATGTAGATATATCTATATATCTA 2166
Db |||||
2374 CTACTGTCTGTCTCAATTAAGTGTGACCTGTGATCTAGCTGGGTCTATAGATCTT 2433
QY 2167 GATGAGTTCCTCAATCTTGGCAATGTAGAAATCTAGAAATCTAGAAATCTTGGATCTTAGCTT 2226
Db |||||
2434 TCAATCTGTCTTAAATTT---GTAAGTCACAATTTCTGGAGCTAGCAAGAAAGCTTAGCTC 2490
QY 2227 GTCTAGTCAATAAAGTCTGAGATTTCTGGGATGCTCAGTGGCAGAGATAGGGCTAGAAAGC 2286
Db |||||
2491 AGCCAGTCTCATGAGCCTTGTCTCGAGATGGCTTGTGACAGAGTCAATGCTAGAGAC 2550
QY 2287 AGGTCTCTGAAATCCCAAGCCAGCACTTTTCCGGTGTGTATACAGATAGTTGTTGGTAC 2346
Db |||||
2551 AGCATCCCTGATTCAGCTCTGAC-ITGGCTAGTGGCCAGCTGTAATTTACTTTAGGCT 2609
QY 2347 CATTAATCTTGAAGAAATTTGAGATTTCTTATGACTCATGTAATCTGAAGAGTACTTG 2406
Db |||||
2610 GATTAGTATTTGGGAAA--GCCAATTTCCACCGACCTACATAATCCGAAGAGCATGA 2667
QY 2407 TTTAAAAACAGAAAAATGCTATGGGCAAAATTTTGAAGTCAATTTTGAAGTCAATTA 2466
Db |||||
2668 TTGAAAACTAGAAA---GCTGGGCACAAACTTACTAGAGATGATTTTGGAGTCAATTA 2723
QY 2467 TGCATGCTTTGAAACTTGAAGATAAATCACTAGAAACATGAGAAAGAGCTGGACTGC 2526
Db |||||
2724 ACTGATGCTCTGAAATGTGATCAAAATCAACCCAGAAATCAACAAAGAGCTGGATTTGC 2783
QY 2527 ATATAGGCTTAATTTCTGGAGTAAATAACACTTAT-----TTTGAATTTATCATATA 2578
Db |||||
2784 AATAGGACAGATTTTAGAATCACTGGTATTAACAGCTGTCATCTTAAATAATAAG 2843
QY 2579 TCT---ATCAGATATTGATTATAGTTTAAAGCAAGAGCAGACAC-CCGATCTCTTTT 2634
Db |||||
2844 TGTCTATTAGCTGCTATTTAAGATTAACACAAGAGTGGATACTTCCCAATTTACTG 2903
QY 2635 ATACAGGTTCAATAGATGAAAAATATTAGTAAGAGATTTATTATAGTTAAATGGAAGTC 2694
Db |||||
2904 GGGCTGTTTCAATAGATGAAAAATATCAGTCATAGATTAATATTAGTGTCTAGAAAGTA 2963
QY 2695 TGAATTTGTPARCTTTTTTTCTCTCTCTCCCAAGAGCTTTCCATCTTAGTTCTT 2754
Db |||||
2964 TGAGTTGGAAGC---CTTTCTTACTTTTACCTTTCTTCTTCTTCTTCTTCTTCTTCTT 3020
QY 2755 CTTTCACTCCCTCAACAATCCCTAGGAGCAATTTATCCATGGTGGCTGGTGTACATTT 2814
Db |||||
3021 TCTTCAACCCCTGATCAAGCCACTAGTAGACCTTATCTGCTGCGAGCTATTATATGACT 3080
QY 2815 CTATAGTGAATGATACCATCATGTGGCTTATTTGGTGAAGAAACA--ACAAATGGAAGC 2872
Db |||||
3081 TTACAGCAAAACAATTTGCTGTGGCTCTTTTGGGGAAGGAAACAGGATAGCAGAGGC 3140
QY 2873 TTAGCTAACAA-TAGTGACTCAACCCCAACCGGAGGATGATAGGAGCTGAAGT 2931
Db |||||
3141 TCAGGCTAGCAAGTCTGGACTCAACCTAAAGCCAGAGGATGTTTGTATAGCAGAGAAAGT 3200
QY 2932 GACGCTCTT-GCAAGCAGGTACAACTAAATACTCAGAAACATGAAGGCTCCAGTTGATGG 2990

; LENGTH: 690
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-419-568P-24
Query Match
Best Local Similarity 5.4%; Score 258; DB 4; Length 690;
Matches 258; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGCACAGCAGAAATCTTCAGAACAGGTTCTCTCCAGTACACAGTTCGCTCGAGTTAG 60
Db 1 TGCACAGCAGAAATCTTCAGAACAGGTTCTCTCCAGTACACAGTTCGCTCGAGTTAG 60
QY 61 AATTGTCTGCAATGGCGCCCTCAGAAATCTGTGAGCTCTTTTCCTTATGGGACCCCTGG 120
Db 61 AATTGTCTGCAATGGCGCCCTCAGAAATCTGTGAGCTCTTTTCCTTATGGGACCCCTGG 120
QY 121 CCACCACTGCTCTCTCTTCTTGGCCCTCTTGTACAGGAGGAGCAGCTGGCCCATCA 180
Db 121 CCACCACTGCTCTCTCTTCTTGGCCCTCTTGTACAGGAGGAGCAGCTGGCCCATCA 180
QY 181 GCTCCCACTGAGGCTTGACAACTTCCAGAGCCCTATATACCAACCGCACCT 240
Db 181 GCTCCCACTGAGGCTTGACAACTTCCAGAGCCCTATATACCAACCGCACCT 240
QY 241 TCATGCTGGCTAAGGAGG 258
Db 241 TCATGCTGGCTAAGGAGG 258
RESULT 10
US-09-354-243B-24
; Sequence 24, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (Tifs)
; FILE REFERENCE: LUD 5543.1
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US/09/354,243B
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 24
; LENGTH: 690
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-354-243B-24
Query Match
Best Local Similarity 5.4%; Score 258; DB 4; Length 690;
Matches 258; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGCACAGCAGAAATCTTCAGAACAGGTTCTCTCCAGTACACAGTTCGCTCGAGTTAG 60
Db 1 TGCACAGCAGAAATCTTCAGAACAGGTTCTCTCCAGTACACAGTTCGCTCGAGTTAG 60
QY 61 AATTGTCTGCAATGGCGCCCTCAGAAATCTGTGAGCTCTTTTCCTTATGGGACCCCTGG 120
Db 61 AATTGTCTGCAATGGCGCCCTCAGAAATCTGTGAGCTCTTTTCCTTATGGGACCCCTGG 120
QY 121 CCACCACTGCTCTCTCTTCTTGGCCCTCTTGTACAGGAGGAGCAGCTGGCCCATCA 180
Db 121 CCACCACTGCTCTCTCTTCTTGGCCCTCTTGTACAGGAGGAGCAGCTGGCCCATCA 180
QY 181 GCTCCCACTGAGGCTTGACAACTTCCAGAGCCCTATATACCAACCGCACCT 240
Db 181 GCTCCCACTGAGGCTTGACAACTTCCAGAGCCCTATATACCAACCGCACCT 240

Db 181 GCTCCCACTGAGGCTTGACAACTTCCAGAGCCCTATATACCAACCGCACCT 240
QY 241 TCATGCTGGCTAAGGAGG 258
Db 241 TCATGCTGGCTAAGGAGG 258
RESULT 11
US-09-870-574-1
; Sequence 1, Application US/09870574
; Patent No. 6551799
; GENERAL INFORMATION:
; APPLICANT: Gurney, Austin L.
; APPLICANT: Aggarwal, Sudeepa
; APPLICANT: Xie, Ming-Hong
; APPLICANT: Maruoka, Ellen M.
; APPLICANT: Foster, Jessica S.
; APPLICANT: Goddard, Audrey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: INTERLEUKIN-22 POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; TITLE OF INVENTION: THE SAME AND METHODS FOR THE TREATMENT OF PANCREATIC DISORDERS
; FILE REFERENCE: P2806-1 (US)
; CURRENT APPLICATION NUMBER: US/09/870,574
; CURRENT FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: US 60/169,495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 1
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-870-574-1
Query Match
Best Local Similarity 5.1%; Score 244; DB 4; Length 1152;
Matches 244; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 15 CTTCAGAACAGGTTCTCTTCCCAAGTCACAGTTCACAGTTCGAGTTAGAAATTTCTGCAATG 74
Db 1 CTTCAGAACAGGTTCTCTTCCCAAGTCACAGTTCACAGTTCGAGTTAGAAATTTCTGCAATG 60
QY 75 GCCGCCCTGCAGAAATCTGTGAGCTCTTCTTATGGGAGCCCTGGCCACAGCTGCCTC 134
Db 61 GCCGCCCTGCAGAAATCTGTGAGCTCTTCTTATGGGAGCCCTGGCCACAGCTGCCTC 120
QY 135 CTTCTCTTGGCCCTCTTGTACAGGAGGAGCAGCTCGGCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGTACAGGAGGAGCAGCTCGGCCCATCAGCTCCCACTGCAGG 180
QY 195 CTTGACAGTCCAACTTCCAGAGCCCTATATACCAACCGCACCTTATGCTGGCTAAG 254
Db 181 CTTGACAGTCCAACTTCCAGAGCCCTATATACCAACCGCACCTTATGCTGGCTAAG 240
QY 255 GAGG 258
Db 241 GAGG 244
RESULT 12
US-09-178-973B-9
; Sequence 9, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof

FILE REFERENCE: LUD 5543
CURRENT APPLICATION NUMBER: US/09/178,973B
CURRENT FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 9
LENGTH: 1111
TYPE: DNA
ORGANISM: Mus musculus
US-09-178-973B-9

Query Match 2.7%; Score 127.6; DB 3; Length 1111;
Best Local Similarity 72.2%; Pred. No. 1.2e-25;
Matches 166; Conservative 0; Mismatches 64; Indels 0; Gaps 0;
QY 29 CTCCTTCCCAGTCACCAAGTGTCTCGAGTTAGAAATGTCGATGCGCCCGCTGCAGAA 88
DB 7 CTCCTCTCAGTTATCACTTTTGACACTTTGCGATCGGTGATGCTGCTCTCATTTGCCCT 66
QY 89 ATCTGTAGCTCTTTCCCTTATGGGGACCTTGGCCACCAAGCTGCTCTCTCTTTGGCCCT 148
DB 67 ATCTATGAGTTTTCCTTATGGGACTTTGGCCGCGAGCTGCTCTCTCATTTGCCCT 126
QY 149 CTTGGTACAGGAGGAGCAGTGGCCCATCAGCTCCCATGCAAGCTTGACAAGTCCAA 208
DB 127 GTGGGCCAGGAGCAATGCGTGGCCCATCAACACCCGTCGAAGCTTGAGGTGCCAA 186
QY 209 CTTCCAGAGCCCTATATCAACACCGCACTTTCATGCTGGCTAAGGAGG 258
DB 187 CTTCCAGAGCCGTACATCGTCAACCGCACTTTATGCTGCCCAAGGAGG 236

RESULT 13
US-09-419-568F-9
Sequence 9, Application US/09/19568F
Patent No. 6331613
GENERAL INFORMATION:
APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
APPLICANT: Renaud, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
FILE REFERENCE: LUD 5543.2
CURRENT APPLICATION NUMBER: US/09/419,568F
CURRENT FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: US09/354,243
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: US09/178,973
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 9
LENGTH: 1111
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
US-09-419-568F-9

Query Match 2.7%; Score 127.6; DB 4; Length 1111;
Best Local Similarity 72.2%; Pred. No. 1.2e-25;
Matches 166; Conservative 0; Mismatches 64; Indels 0; Gaps 0;
QY 29 CTCCTTCCCAGTCACCAAGTGTCTCGAGTTAGAAATGTCGATGCGCCCGCTGCAGAA 88
DB 7 CTCCTCTCAGTTATCACTTTTGACACTTTGCGATCGGTGATGCTGCTCTCATTTGCCCT 66
QY 89 ATCTGTAGCTCTTTCCCTTATGGGACCTTGGCCACCAAGCTGCTCTCTCTTTGGCCCT 148
DB 67 ATCTATGAGTTTTCCTTATGGGACTTTGGCCGCGAGCTGCTCTCTCATTTGCCCT 126
QY 149 CTTGGTACAGGAGGAGCAGTGGCCCATCAGCTCCCATGCAAGCTTGACAAGTCCAA 208
DB 127 GTGGGCCAGGAGCAATGCGTGGCCCATCAACACCCGTCGAAGCTTGAGGTGCCAA 186
QY 209 CTTCCAGAGCCCTATATCAACACCGCACTTTCATGCTGGCTAAGGAGG 258

DB 187 CTTCCAGAGCCGTACATCGTCAACCGCACTTTATGCTGCCCAAGGAGG 236
RESULT 14
US-09-354-243B-9
Sequence 9, Application US/09/354243B
Patent No. 6359117
GENERAL INFORMATION:
APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
APPLICANT: Renaud, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
FILE REFERENCE: LUD 5543.1
CURRENT APPLICATION NUMBER: US/09/354,243B
CURRENT FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: US09/178,973
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 9
LENGTH: 1111
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
US-09-354-243B-9

Query Match 2.7%; Score 127.6; DB 4; Length 1111;
Best Local Similarity 72.2%; Pred. No. 1.2e-25;
Matches 166; Conservative 0; Mismatches 64; Indels 0; Gaps 0;
QY 29 CTCCTTCCCAGTCACCAAGTGTCTCGAGTTAGAAATGTCGATGCGCCCGCTGCAGAA 88
DB 7 CTCCTCTCAGTTATCACTTTTGACACTTTGCGATCGGTGATGCTGCTCTCATTTGCCCT 66
QY 89 ATCTGTAGCTCTTTCCCTTATGGGACCTTGGCCACCAAGCTGCTCTCTCTTTGGCCCT 148
DB 67 ATCTATGAGTTTTCCTTATGGGACTTTGGCCGCGAGCTGCTCTCTCATTTGCCCT 126
QY 149 CTTGGTACAGGAGGAGCAGTGGCCCATCAGCTCCCATGCAAGCTTGACAAGTCCAA 208
DB 127 GTGGGCCAGGAGCAATGCGTGGCCCATCAACACCGGTGCAAGCTTGAGGTGCCAA 186
QY 209 CTTCCAGAGCCCTATATCAACACCGCACTTTCATGCTGGCTAAGGAGG 258
DB 187 CTTCCAGAGCCGTACATCGTCAACCGCACTTTATGCTGCCCAAGGAGG 236

RESULT 15
US-09-178-973B-7
Sequence 7, Application US/09/18973B
Patent No. 6274710
GENERAL INFORMATION:
APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
APPLICANT: Renaud, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
FILE REFERENCE: LUD 5543
CURRENT APPLICATION NUMBER: US/09/178,973B
CURRENT FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 7
LENGTH: 1119
TYPE: DNA
ORGANISM: Mus musculus
US-09-178-973B-7

Query Match 2.6%; Score 126; DB 3; Length 1119;
Best Local Similarity 71.7%; Pred. No. 3.4e-25;
Matches 165; Conservative 0; Mismatches 65; Indels 0; Gaps 0;

Qy	29	CTCTTCCCGAGTCACACGTTGCTCGAGTTAGATTGTCTGCAATGGCGCCCTGCAGAA	88
Db	9	CTCTCCTCTCACTATCAACTGTGACACTGTGGGATCTCTGATGGCTGTCTGCAGAA	58
Qy	89	ATCTGTGAGCTCTTCTTATGGGACCCCTGGCCACCGAGCTGCTCCTTCTCTTGGCCCT	148
Db	69	ATCTATGAGTTTTCCTTATGGGACTTTGGCGCCAGCTGCTCTCTCATTTGCCCT	128
Qy	149	CTTGGTACAGGAGGAGGAGCTGGCCCATCAGCTCCCACTGCCAGGCTTGACAGTCCAA	208
Db	129	GTGGGCCCGAGGAGGCAAAATCGCTGCCCGTCAACACCCGGTGCAAGCTTGAGGTGCCAA	188
Qy	209	CTTCCAGAGCCCTATATACACCAACCGCACCTTTCATGCTGGCTAAGGAGG	258
Db	189	CTTCCAGAGCCGTACATCGTCAACCGCACCTTTATGCTGGCCAGGAGG	238

Search completed: February 11, 2004, 00:27:39
Job time : 286.418 secs